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**TAURINE TEST RESULTS - TABLE 2**

AFTER September 1, 2018  
 Golden Normal = Whole Blood is >250  
 Other Breed Normal = Whole Blood is >200  
 Plasma Normal = >70




= LOW Level <200  
 = MARGINAL Level for Golden Retrievers 200-250  
 = DCM or CHF w/o Low Taurine + Diet Related

Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Joe Anne Goodling	Golden Retriever	3/19/2007	9/10/2018		111		10/1/2018	Normal	4health	Chicken & vegetables grain free		> 1 yr	No	
Joe Anne Goodling	Golden Retriever	7/12/2006	9/10/2018		133		10/1/2018	Normal	4health	Chicken & Vegetables Grain Free		> 1 yr	No	
Joe Anne Goodling	Golden Retriever	5/15/2012	9/10/2018		154		10/15/2018	Normal	4health	Chicken & Vegetables Grain Free		> 1 yr	No	
Joe Anne Goodling	Golden Retriever	11/11/2007 Rescue Est. DOB	9/10/2018		198		10/15/2018	Normal	4health	Chicken & Vegetables Grain Free		> 1 yr	No	This dog is a rescue, because I needed to provide a birthday I put in a random date to the closet age we think she is.
Jocelyn Owen	Golden Retriever	6/26/2013	9/5/2018		258				Acana	Lamb & Apple		> 1 yr	No	Known Murmur
JoAnne B	Boxer	4/10/2010	9/6/2018			31	8/24/2018	DCM & CHF	Acana	Pork & Squash GF		> 1 yr	No	
Ann Greenbank	Golden Retriever	9/9/2007	9/7/2018		234	61			Acana	Ranchlands		> 1 yr	No	
Deb Thalasis	White Shepherd Mix	3/14/2012	9/10/2018			117	9/17/2018	Aortic body tumor or cardiac extramedullary paraganglioma	Acana	70% Acana; 30% Topper	Cooked hamburger, green beans, spinach, carrots, potatoe	> 1 yr	No	Normal cardiac structure and function; normal lung function, despite tumor/mass.
ALICE GAIL MYERS	Golden Retriever	9/3/2015	9/12/2018		317		10/28/2018	Normal	Acana	Freshwater Fish		> 1 yr	No	Tucker gets blueberries and carrots as treats and takes one Fish oil a day and probiotics.
Nancy Spear	Samoyed	10/29/2017	9/14/2018		414				Acana	Free range chicken	cooked chicken and beef	< 6 mo	No	Auscultation done 09/29/2018 by cardiologist. Test normal, no abnormalities seen
Nancy Spear	Samoyed	11/4/2013	9/14/2018		200		9/28/2018	Normal, no abnormalities seen.	Acana	Free range chicken	Stella and Chewys chicken, ground beef and cooked chicken	> 1 yr	No	
Theresa Tuggle	Golden Retriever	12/15/2015	9/17/2018		260				Acana	Heritage Red Meat GF	Kirkland Chicken Meal & Rice treats given daily	> 1 yr	No	
Briana W.	Berger Picard	8/28/2016	9/24/2018		209				Acana	Acana Heritage Free Run Chicken Grain Free	Various treats daily (chicken jerky, rawhide free chews, treats)	> 1 yr	No	
Tiff Leistner	Golden Retriever	11/19/2013	9/24/2018		405				Acana	99% Acana Singles Duck and Pear 1% Orijen Tundra	Canned food, Small Batch Duck slider, 2 freeze dried pieces of duck or turkey	> 1 yr	No	Ovary Sparing Spay @15 mos 1 Duck slider qd, two freeze dried duck or turkey pieces qd, 1 turkey/pumpkin cookie, 1/3 canned food various brands
Tiff Leistner	Golden Retriever	12/28/2013	9/24/2018		311				Acana	99% Acana Singles Duck and Pear 1% Orijen Tundra	Canned food, Small Batch Duck slider, 2 freeze dried pieces of duck or turkey	> 1 yr	No	Ovary Sparing Spay @14 mo. 1/3 can of wet food, 1 Duck slider (Small Batch), 2 freeze dried pieces of duck or turkey, 1 turkey/pumpkin cookie qd
Cindy Lee	Golden Retriever	1/16/2016	9/25/2018		272				Acana	Rotated GF Pork/Squash and GF Lamb/Apple for 2 years, Wild Mackerel 6 months		> 1 yr	No	
Natalie	Flatcoated Retriever	3/18/2016	9/28/2018			143			Acana	80% Acana GF, 20% Acana Classic	chewingsnack dried meat (horsepipe or deerlung, for example)	> 1 yr	No	
April Squires	American Cocker Spaniel	8/16/2013	10/1/2018		107		10/1/2018	Severe DCM, Severe CHF	Acana	Acana Singles Limited Ingredient Lamb and Apple and occasionally Duck and Pear		> 1 yr	No	Buddy died 10/3/18 from DCM/CHF; 1st symptom (cough) appeared 9/22/18, diagnosed with CHF 9/25/18, echo and DCM diagnosis 10/1/18 in ICU 9/30-10/3/18 and died 10/3/18. He was on Acana for 3-4 years.
Michelle Moustakas	Golden Retriever	1/24/2014	10/1/2018		272				Acana	Heritage Red Meat GF	Cooked chicken breast	> 1 yr	No	Cooked chicken breast is also given as a treat, amounting to about one chicken breast per day being fed
Terri Costello	Irish Wolfhound	5/21/2015	10/2/2018			42		pending	Acana	Lamb and Apple		> 1 yr	No	
Jillian Todd	Golden Retriever	7/20/2014	10/4/2018		347	107			Acana	Pacifica		> 1 yr	No	

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 = DCM or CHF w/o Low Taurine + Diet Related

Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Kathleen Bahler	Golden Retriever	11/15/2018	10/10/2018		286	107	10/30/2018	Normal	Acana	Grasslands GF, MeadowlandsGF		> 1 yr	No	Echo: Atrial Arrhythmia including tachycardia, Mitral and tricuspid valve endocardiosis with normal heart size, Mild pulmonary hypertension, Murmur
Catherine LaBarre	Doberman	2/16/2011	10/15/2018		359		10/15/2018	early dilated cardiomyopathy (non-dietary)	Acana	Meadowlands		> 1 yr	No	EDIT: THIS IS GENETIC DCM, NOT DIETARY - per owner
Barb Z	Golden Retriever	6/2/2008	10/17/2018		310				Acana	rotate proteins	chicken hearts	6 mo - 1 yr	Yes	
Barb Z	Golden Retriever	2/22/2013	10/17/2018		258				Acana	rotate proteins	chicken hearts	6 mo - 1 yr	Yes	
Amy Surber	French Bulldog	9/7/2008	10/23/2018		420				Acana	Acana Wild Atlantic last 2 years. Before that, Acana Pacifica for approximately 4 years. Before that, Orijen 6 fish for approximately 2-3 years. Unknown prior to that (rescue).	None	> 1 yr	No	Other than kibble, small amount of American cheese given daily with bladder health and glucosamine/chondroitin supplements. Treats include Zuke's Hip Action Peanut Butter & Oats treats (no more than 1/day) and Zuke's Natural peanut butter or cheese training treats (a few daily). Occasional/unregular very small amounts of fresh veggies (carrots, kale, etc.).
Courtney Kuntz	Golden Retriever	5/11/2010	11/6/2018		398		9/11/2018	DCM with mild mitral and tricuspid regurgitation	Acana	Lamb and Apple since 2017. Previously on Bison GF most of his life.		> 1 yr	Yes	I did not have a taurine test when Ollie was originally diagnosed with DCM because he was in critical condition. I didn't want to wait to start him on a supplement and meds. He was on Acana grain free most of his life. I have since switched to Farmina N & D lamb and blueberry with ancestral grain and supplement 1000 mg taurine daily and his recent taurine at 398.
Caroline Bowers	Golden Retriever	3/21/2015	11/6/2018		82	9	11/6/2018	Mild to severe DCM and congestive heart failure	Acana	Pork and Squash		> 1 yr	No	
Bella Valdez	Australian Shepherd	11/18/2008	11/9/2018		191		11/7/2018	Moderate DCM with mild mitral valve regurgitation	Acana	All formulas		> 1 yr	No	I am a veterinary technician and the cardiologist was the one to inform me about taurine deficient dilated cardiomyopathy. He said he is seeing more and more cases, mostly related to Acana brand.
Olwyn Walter	Golden Retriever	11/2/2009					7/20/2017	Severe DCM	Acana	Chicken and Burbank Potato, Wild Coast, Chicken and Greens (all Acana)	Salmon, Chicken eggs, Yogurt	> 1 yr	No	My Golden died August 19, 2017 from severe DCM. No taurine test was done, but I had to put a date in to complete this form. Jackie was diagnosed with a very mild heart murmur at age 4. I now know that this was a serious warning sign, but neither I nor my vet felt it was anything to worry about at the time. Jackie's favourite snacks were sweet potato, all kinds of fruit, and rice crackers with hummus (chickpeas). Jackie's mother is still alive (13.5 yrs old) and is being treated for moderate DCM.
Kayla Thompson	Lab mix	10/31/2010	11/14/2018		259	104			Acana	Wild Prairie, Grasslands, Ranchlands	Wet dog food: chicken, turkey, beef, etc.	> 1 yr	No	
Kayla Thompson	Lab mix	12/22/2011	11/14/2018		279	97			Acana	Wild Prairie, Grasslands, Ranchlands	Wet dog food: chicken, turkey, beef, etc.	> 1 yr	No	
Kayla Thompson	Lab Mix	8/11/2014	11/14/2018		281	114			Acana	Wild Prairie, Grasslands, Ranchlands	Wet dog food: chicken, turkey, beef, etc.	> 1 yr	No	
Steve Esford	Golden Retriever	11/21/2013	11/29/2018			141	12/3/2018	Mild SAS from previous Echo done 04/08/2016	Acana	AS a puppy ACANA large breed for one year, then Acana Pacific for two years then Acana Pacific Pilchard for two years		> 1 yr	No	
Kelsey Philpott	Golden Doodle	4/11/2013	12/11/2018			118			Acana	Ranchlands		> 1 yr	No	
Charles Bridgers	Golden Retriever	2/24/2016	9/10/2018		212		9/25/2018	Normal	Acana, Fromm	Singles Duck & Pear	Ziwipeak Venison given as daily treats	6 mo - 1 yr	No	
Carol Lowy	Golden Retriever	8/19/2005	10/17/2018		229				Acana, Fromm	65% Fromm Duck and Sweet Potato and 35% Acana Duck and Pear		> 1 yr	No	Supplements: VetriScience GlycoFlex, Springtime Longevity, Solid Gold SeaMeal, Boswellia 250 mg, Duralactin, Omega-3 Fish Oil 1200mg, ProDen PlaqueOff, Pumpkin & Probiotic

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Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Carol Lowy	Golden Retriever	2/19/2010	10/17/2018		368				Acana, Fromm	65% Fromm Duck and Sweet Potato and 35% Acana Duck and Pear		> 1 yr	No	Supplements: VetriScience GlycoFlex, Springtime Longevity, Solid Gold SeaMeal, Boswellia 250 mg, Duralactin, Omega-3 Fish Oil 1200mg, ProDen PlaqueOff, Pumpkin & Probiotic
Carol Lowy	Golden Retriever	2/19/2010	10/17/2018		286				Acana, Fromm	65% Fromm Duck and Sweet Potato and 35% Acana Duck and Pear		> 1 yr	No	Supplements: VetriScience GlycoFlex, Springtime Longevity, Solid Gold SeaMeal, Boswellia 250 mg, Duralactin, Omega-3 Fish Oil 1200mg, ProDen PlaqueOff, Pumpkin & Probiotic
Carol Lowy	Golden Retriever	10/17/2012	10/17/2018		156		12/11/2018	Mildly reduced systolic function - DCM	Acana, Fromm	65% Fromm Duck and Sweet Potato and 35% Acana Duck and Pear		> 1 yr	No	Supplements: VetriScience GlycoFlex, Springtime Longevity, Solid Gold SeaMeal, Boswellia 250 mg, Duralactin, Omega-3 Fish Oil 1200mg, ProDen PlaqueOff, Pumpkin & Probiotic
Carol Lowy	Golden Retriever	10/17/2012	10/17/2018		177		12/11/2018	Normal	Acana, Fromm	65% Fromm Duck and Sweet Potato and 35% Acana Duck and Pear		> 1 yr	No	Supplements: VetriScience GlycoFlex, Springtime Longevity, Solid Gold SeaMeal, Boswellia 250 mg, Duralactin, Omega-3 Fish Oil 1200mg, ProDen PlaqueOff, Pumpkin & Probiotic
Carol Lowy	Golden Retriever	10/17/2012	10/17/2018		207				Acana, Fromm	65% Fromm Duck and Sweet Potato and 35% Acana Duck and Pear		> 1 yr	No	Supplements: VetriScience GlycoFlex, Springtime Longevity, Solid Gold SeaMeal, Boswellia 250 mg, Duralactin, Omega-3 Fish Oil 1200mg, ProDen PlaqueOff, Pumpkin & Probiotic
Nancy Larson	German Shepherd Dog	11/23/2012	10/10/2018		241		11/19/2018		Acana, Fromm, Zignature	Acana 3 years, then Fromm Gold, 1 bag Zignature Kangaroo. Now Royal Canin.	Sardine every other day, prior test was adding chicken hearts.	< 6 mo	Yes	Also adding Pattflora to diet prior to test from Vet. Has Taurine in it. Dog under medical care since February. Kidney creatinine 2.1 Microscopic blood in urine. No diagnosis. Ultrasound and No cancer found. Doing heart tests, echo 11/19/2018.
Tahbi Podo	Great Pyrenees/Australian Shepherd	1/1/2006	PENDING				8/23/2018	Trivial leakage of tricuspid valve.	Acana, Orijen	Original Whole Prey; Acana Singles	Since August '18, dehydrated turkey hearts, Maxmeat beef w pumpkin jerky, sardines, all as treats.	> 1 yr	Yes	Symptomatic with coughing & bloating for half yr before food change & taurine supplementation. Echo one month after changes and symptoms gone. March '18 to May, thought it was an environmental issue. Ruled out by water and radon testing. Focus then on lowering protein from high Orijen percentage. Thought older dog high bnp was due to age. Tried different foods until May. Rescued 2008 from gas chamber, so DOB is a guess. FOOD: Orijen Original Whole Prey since 2008. March '18, fed Acana singles for lower protein. Sport Dog K-9 with 15% OCRaw since Sept. 1st. After a few more months on only SportDog k-9 chicken and fish, with OCRaw topper, I will test taurine levels.
Tahbi Podo	Great Pyrenees	6/29/2013	PENDING				8/16/2018	Mild DCM (left ventricular myocardial dysfunction)	Acana, Orijen	Original Whole Prey; Acana Singles	Since August '18, dehydrated turkey hearts, Maxmeat beef w pumpkin jerky, sardines, all as treats.	> 1 yr	Yes	Focus was on lowering protein from high Orijen percentage. Tried several different foods, until May. Heart meds and 1,000mg taurine 2x day since echo DCM diagnosis in August. After a few more months on only SportDog k-9 chicken and fish, with OCRaw topper, I will test taurine levels.
Hope Richard	Golden Retriever	5/19/2011	11/14/2018		316		11/19/2018	Normal	Acana, Orijen	Formula rotation	Ground beef, liver, sardines, eggs, vegetables	> 1 yr	No	Mild heart murmur was detected
Cathy Kelroy	Golden Retriever	9/16/2017	10/22/2018		270				Acana, Science Diet (Hills)	1/2 Acana - Lamb & Apple Singles Formula / 1/2 Hills Science Diet Large Breed Puppy		< 6 mo	No	
Martha Joyce	Golden Retriever	12/10/2016	9/10/2018		266				Acana, Taste of the Wild	Acana Heritage Red Meat (GF) starting 12/15/17, prior Taste of the Wild (GF) High Prairie Puppy	chicken breast, ground beef, rice (2-4x per week)	6 mo - 1 yr	No	
Laura and Anthony Zabriskie	Golden Retriever	5/28/2013	9/17/2018		434		11/15/2018	Normal	Acana, Vital Essentials (raw)	Vital Essentials raw		< 6 mo	No	Acana Wild Atlantic 3/4 c plus Vital Essentials Raw 1/4 patty twice/day; has been on Acana for at least 3 years, but earlier in year was on RC Intestinal for diarrhea. Currently transitioning kibble to PPP SSS.
Wendy Carrus	Black Lab Mix	12/25/2014	9/5/2018		232		10/18/2018	Ventricular Ectopy; Mild Tricuspid Valvular Dysplasia	Acana, Wellness Core	Acana Ranchlands then Grasslands WC: Ocean last 2 months		> 1 yr	No	Considering Echo when is it indicated he has HX OF occasionally vomiting his food hours later
Sherry Palmer	Labrador Retriever	12/20/2013	12/10/2018		261		12/17/2018	Normal	Acana, Zignature, Open Farm	Acana - various, Zignature Kangaroo, Open Farm various		> 1 yr	No	This is Gemma Female Spayed

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Marlene Morga	Golden Retriever	7/30/2015	9/26/2018		214				American Natural Premium	Chicken		> 1 yr	No	Echo scheduled in December
Marlene Morga	Golden Retriever	7/6/2017	9/26/2018		215				American Natural Premium	Chicken		> 1 yr	No	
Cindy Ostergaard Hughes	Golden Retriever	11/4/2010	10/9/2018		234		10/24/2018	Normal	Answers Detailed (raw)	85% Answers Detailed Raw 15% Fromm Duck & Sweet Potato	Answers Raw Goats Milk, Kefir, Goat Treats and occasional Answers fermented fish or turkey stock	6 mo - 1 yr	No	Dog was not tested prior to current diet switch to 85% Answers Raw. Six mos. prior to current diet was fed Fromm Duck & Sweet Potato (about 1 year). Prior to that, fed a variety Fromm 4-Star Nutritionals GF (primarily Hasen Duckenpfeffer) for 2 1/2 years straight. Prior to that fed primarily Fromm Chicken a la Veg
Cydney Ancic	Golden Retriever	9/29/2016	9/29/2018		207	68			Avoderm		Stella and Chewys Carnivore Crunch	> 1 yr	No	
Deb Brunner-Walker	Golden Retriever	3/29/2009	11/23/2018		275				Big Country Raw	Beef dinner, turkey/salmon/lamb dinner, country blend, breeders blend	Tripe, organ meats	> 1 yr	No	
Deb Brunner-Walker	Golden Retriever	3/29/2009	11/23/2018		318				Big Country Raw	Beef dinner, turkey/salmon/lamb dinner, country blend, breeders blend	Tripe, organ meats	> 1 yr	No	
Heather Crane	Golden Retriever	10/9/2016	9/7/2018		209		10/2/2018	Normal	Blue Buffalo	BB Healthy Weight		> 1 yr	No	Previously on Blue Buffalo Wilderness Chicken - started Healthy Weight 4 months prior to the taurine test.
Amy Swope	Golden Retriever	12/8/2017	9/13/2018		278	82	9/13/2018	normal	Blue Buffalo	Wilderness Large Breed Puppy Chicken		6 mo - 1 yr	No	Was on merrig grain free puppy beef when transitioned off milk. Switched to Blue at roughly 12 weeks
Karen E Dion	Golden Retriever	12/19/2011	9/19/2018		232		10/9/2018	Normal	Blue Buffalo	BB Life Protection Healthy Weight Adult Chicken & Brown Rice: 75% kibble; 25% same formula canned food	Treats: Milo's Kitchen Chicken Grillers	> 1 yr	No	Until we changed her diet in the first half of 2017 (based on this research), she had been eating 75% GF BB Wilderness Health Weight Chicken Recipe Adult Large Breed dry kibble; 25% GF BB Wilderness Healthy Weight Turkey and Chicken Canned Food her entire adult life.
Lisa Cambridge	Golden Retriever	7/31/2007	9/21/2018		206		10/19/2017	Severe -DCM	Blue Buffalo	Blue Buffalo Basics Turkey and Potato Senior Dry Dog Food		> 1 yr	No	UPDATE to previous submission. Dog died 12/17/2018 cardiac arrhythmia
Sandy Ferraro	Golden Retriever	4/2/2013	9/25/2018		226		11/7/2018	Normal	Blue Buffalo	Blue Freedom Grain Free Beef Recipe, Large Breed Adult		> 1 yr	No	Topped with salmon oil and vegetables (alternating every few days between green beans and carrots)
Carrie Hirschel	Dachshund Mix	11/19/2008	9/27/2018		259				Blue Buffalo	Mostly Wilderness--rotated proteins		> 1 yr	No	He was on Wilderness for most of his time with us, with occasionally Basics and Life Protection Formula. I rotated the proteins too. DOB is approximated.
Jamie Craun	Mixed breed	3/15/2014	10/23/2018		253		11/24/2018	Trivial mitral regurgitation, mild increase in LVOT velocity	Blue Buffalo	Adult Freedom Chicken		> 1 yr	No	At time whole blood sample was taken, he was at 25% Royal Canin and 75% Blue Buffalo.
Jamie Craun	Welsh Cardigan Corgi mix	10/31/2015	10/23/2018		308		11/24/2018	Normal	Blue Buffalo	Adult Freedom Chicken		> 1 yr	No	Had been put on chicken and rice a day before sample was taken after a week of 75% Blue Buffalo and 25% Royal Canin.
Charles Krueger	Golden Retriever	11/17/2011	11/1/2018		285				Blue Buffalo	50% Wilderness Evolution w/Chicken 50% Wilderness Denali w/salmon		> 1 yr	No	
Erna Hochstein	American Cocker Spaniel	3/17/2008	11/23/2018		400				Blue Buffalo	Blue Wilderness Chicken	Cooked chicken	> 1 yr	No	
Erna Hochstein	American Cocker Spaniel	7/20/2011	11/23/2018		347				Blue Buffalo	Blue Wilderness Chicken GF	Cooked chicken	> 1 yr	No	
Erna Hochstein	American Cocker Spaniel/King Charles Cavalier	8/1/2015	11/23/2018		307				Blue Buffalo	Blue Wilderness Chicken GF	Cooked chicken	> 1 yr	No	

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Sharon Safferstone	Golden Retriever Mix (Golden, Great Pyrenees & Siberian Husky)	5/27/2015	11/13/2018		212		11/29/2018	Normal	Blue Buffalo	Chicken and rice	White meat cooked chicken	> 1 yr	No	
Sharon Safferstone	Golden Retriever Mix, Great Pyrenees, Siberia Husky	5/27/2015	11/13/2018		212		11/29/2018	Normal	Blue Buffalo	Chicken	Cooked white meat chicken	> 1 yr	No	
Carrie Hirschel	Poodle Mix	11/5/2010	9/27/2018		361				Blue Buffalo, Go!	Wilderness with Rotating Proteins		> 1 yr	No	He's also been on Life Protection Formula and Basics but primarily Wilderness with rotating proteins. DOB is approximated.
Susan LeBourgeois	Golden Retriever	11/21/2011	9/4/2018		281				Blue Buffalo, Taste of the Wild	60%-BB Wilderness GF Adult Healthy Weight Chicken; 40%-TOTW Pacific Stream GF	Sardines & Ground Flaxseed	6 mo - 1 yr	No	
Susan LeBourgeois	Golden Retriever	2/1/2014	9/4/2018		293				Blue Buffalo, Taste of the Wild	60%-BB Wilderness GF Adult Healthy Weight Chicken; 40%-TOTW Pacific Stream GF	Sardines & Ground Flaxseed	6 mo - 1 yr	No	
Diane Driscoll	Golden Retriever	7/21/2011	9/20/2018		272				Bravo (raw), mORIGINS (raw)	60% Bravo Beef, Turkey, Chicken 30% mORIGINS Beef 10% Farmina Beef, Fish GF		6 mo - 1 yr	No	
Diane Driscoll	Golden Retriever	4/3/2017	9/20/2018		303				Bravo (raw), mORIGINS (raw), Stella & Chewy's	Bravo; Beef, Turkey, Chicken - 50%; mORIGINS; Beef-25%; Stella&Chewys; Beef-25%		< 6 mo	No	
Clemens Vanderwerf	Golden Retriever	10/20/2012	10/9/2018		296				Brothers Complete Dog Food	Lamb Meal + Egg Formula GF	Cooked eggs, yoghurt, apple, veggies	> 1 yr	No	<a href="https://brothersdogfood.com/shop-all/lamb.html">https://brothersdogfood.com/shop-all/lamb.html</a>
Clemens Vanderwerf	Golden Retriever	12/11/2009	10/9/2018		354				Brothers Complete Dog Food	Lamb Meal + Egg Formula GF	Eggs, yoghurt, apple, veggies	> 1 yr	No	<a href="https://brothersdogfood.com/shop-all/lamb.html">https://brothersdogfood.com/shop-all/lamb.html</a>
Laura Parker	Golden Retriever	11/6/2016	9/14/2018		252				Canidae	75% Canidae Multi Protein All Life Stages, 25% Honest Kitchen Whole Grain Beef		< 6 mo	No	
Kristen Greenacre	Pembroke Welsh Corgi	7/13/2014	9/26/2018		296				Canidae	Canidae Pure Sea		> 1 yr	No	
Kristen Greenacre	Pembroke Welsh Corgi	6/28/2016	9/26/2018		288				Canidae	Canidae Pure Sea		> 1 yr	No	
Michele Miller	Golden Retriever	1/22/2014	10/6/2018		319	85			Canidae	GF Pure Sea (Salmon) Limited Ingredients		> 1 yr	No	
Abby Katabaro	Golden Retriever	5/15/2014	10/11/2018		332				Canidae	Pure Sea		> 1 yr	No	
Ashley Dunn	Golden Retriever	7/14/2015	10/16/2018		210		10/24/2018	Normal	Canidae	Grain Free Bison		> 1 yr	No	
Julie Ann Wilding	Olde English Bulldog	12/5/2014	11/3/2018		253				Canidae	Wild Boar		> 1 yr	No	
Maxine and Arthur Cook	German Shepherd	9/18/2014	12/5/2018			93	12/20/2018	Diet mediated DCM	Castor & Pollux	Pristine, Grain Free Lamb and Lentil Recipe	Cooked turkey, cooked beef, egg whites, quinoa, barley	> 1 yr	Yes	500 mg taurine supplement given once daily for 2 months prior to taurine test
Terri Jones	Golden Retriever	1/10/2015	9/17/2018		259				Darwin's Raw	1/3 Darwin's Turkey, duck, 2/3 whole prey turkey, duck, pork, chicken	Raw egg, sardines	> 1 yr	No	Fed this a little over a year, before that was Zignature kangaroo for about a year.
Marilyn Evans	Golden Retriever	3/18/2012	10/16/2018		506	323			Darwin's Raw	chicken, duck, turkey, beef, lamb	Chicken bone broth, fermented fish stock, raw grassfed kefir	> 1 yr	No	bone broth one meal per day, fish stock and kefir alternate weeks
Darcee Munsterteiger	Abe	12/3/2014	9/10/2018		250				Diamond	Premium Adult		> 1 yr	No	
Darcee Munsterteiger	Labrador Retriever	4/23/2011	9/10/2018		257				Diamond	Premium Adult		> 1 yr	No	

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**TAURINE TEST RESULTS - TABLE 2**

AFTER September 1, 2018  
 Golden Normal = Whole Blood is >250  
 Other Breed Normal = Whole Blood is >200  
 Plasma Normal = >70




 = LOW Level <200  
 = MARGINAL Level for Golden Retrievers 200-250  
 = DCM or CHF w/o Low Taurine + Diet Related

Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Darcee Munsterteiger	Labrador Retriever	4/23/2011	9/10/2018		257				Diamond	Premium Adult		> 1 yr	No	
Darcee Munsterteiger	Border Collie	12/3/2014	9/10/2018		250				Diamond	Premium Adult		> 1 yr	No	
Debbie Duncan	Belgian Tervuren	10/18/2010	9/11/2018			131	11/3/2018	Normal	Diamond	Diamond Naturals Whitefish and Sweet Potato		> 1 yr	No	Hemolysis 1+ Estimate of true Taurine 100-110. Transitioning to Purina PP Sensitive Stomach Salmon.
Maggie Stednitz	Great Pyrenees/Anatolian Shepherd	10/31/2012	9/12/2018			97			Diamond	Beef Meal and Rice	> 1 yr	> 1 yr	No	
Ginny Carlson	Akbash/Pyrenees	4/1/2016	10/1/2018		304				Diamond	Large Breed Adult	1 chicken jerky treat per day	> 1 yr	No	Large Breed Puppy changed to Large Breed Adult 3 months ago
James Waters	Golden Retriever	5/11/2013	10/17/2018		394				Dr Gary's Best Breed	GF Salmon & Vegetables	Missing link	> 1 yr	No	
James Waters	Golden Retriever	10/24/2010	10/17/2018		343				Dr Gary's Best Breed	GF Salmon & Vegetables	Missing link	> 1 yr	No	
Kathy Griffin	Standard Poodle	4/1/2013	9/22/2018		267				Eagle Pack	Reduced Fat	Cottage Cheese, potatoes, pumpkin, yogurt, Kefir	> 1 yr	No	
Sheila Guinther	Golden Retriever	4/5/2007	11/26/2018	RETEST	369		9/13/2018	Normal	Eagle Pack	Large and Giant Breed Food		< 6 mo	Yes	3 mo. retest. Original Taurine was 179 and had been on Natural Balance Sweet Potato and Venison
Sheila Guinther	Golden Retriever	7/27/2011	11/26/2018	RETEST	272		9/13/2018	Normal	Eagle Pack	Large and Giant Breed Food		< 6 mo	Yes	3 mo. retest. Original Taurine was 114. Fed Natural Balance Sweet Potato and Venison at that time.
Teresa DesLauriers	Golden Retriever	4/19/2015	9/3/2018		328				Earthborn	Holistic Great Plains Feast GF	Raw eggs, tuna, cottage cheese, yogurt bone broth	> 1 yr	No	Suppliments Dr Tobias Fish oil, Glus/Chond/MSM, Ester C In tact Male
Teresa DesLauriers	Golden Retriever	6/12/2007	9/3/2018		324				Earthborn	Holistic Great Plains Feast GF	raw eggs, tuna, yogurt, cottage cheese bone broths	> 1 yr	No	Suppliments, Gluc/Chon/Msm, Dr Tobias Fish Oil, Ester C, IN Tact male
Teresa DesLauriers	Golden Retriever	1/12/2017	9/3/2018		320				Earthborn	Holistic Great Plains Feast GF	Raw eggs, canned Tuna, yogurt, cottage cheese, bone broth	> 1 yr	No	Suppliments, Dr Tobias Fish oil, Glucosamine/Ch/MSM/Ester C, In Tact Female
Lori Engwis	Golden Retriever	9/29/2013	9/4/2018		225		9/6/2018	DCM and CHF EKG showed atrial fibrillation	Earthborn	Holistic Grain-Free Weight Control		> 1 yr	No	I had unfortunately changed my dog's food 1-1/2 weeks before blood draw for taurine test, mostly because he quit eating the Earthborn. Also to note, Arlo was on Nutrisource Chicken and Peas for at least 1 year before we switched to the Earthborn Weight Control. We did not do many toppers or additions to his food due to stomach issues (diarrhea when items were added). That has cleared up being off grain free and we are now slowing adding sardines, eggs, slightly cooked chicken legs/hearts.
Alecia Barbee	Golden Retriever	11/16/2017	9/5/2018		303				Earthborn	Venture Duck and Pumpkin		< 6 mo	No	
Karen Smith	Goldendoodle	11/8/2009	9/6/2018		344				Earthborn	Bison, lamb, fish	Chicken chews, Greenies, Cherrios	> 1 yr	No	
Karen Smith	Goldendoodle	1/1/2018	9/6/2018		251				Earthborn	Puppy	Chicken chews, Greenies and Cherrios	6 mo - 1 yr	No	
Sherry Paterson	Golden Retriever	8/18/2011	9/9/2018		248				Earthborn	Large Breed Adult		> 1 yr	No	
Sherry Paterson	Golden Retriever	8/17/2011	9/9/2018		248		9/30/2018	Normal	Earthborn	Large Breed Adult Grain Free		> 1 yr	No	
Evonne Schroeder	Goldendoodle (50% GR, 50% Standard Poodle)	5/9/2015	9/14/2018		283				Earthborn	Holistic Coastal Catch	TRUDOG Boost Me. Occasionally.	6 mo - 1 yr	No	
Colleen Bell	English Setter	12/3/2009	9/26/2018		260				Earthborn	Alternated Meadow Feast GF & Primitive Natural Turkey&Chicken GF	1 T Ultra Performatrin Chicken Pate + 5-8 nuggets Stella & Chewy Meal Mixers (Chicken)	6 mo - 1 yr	No	Formula - Alternated bags of Meadow Feast and Primitive Natural-both GF

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 = MARGINAL Level for Golden Retrievers 200-250  
 = DCM or CHF w/o Low Taurine + Diet Related




Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Colleen Bell	English Setter	12/14/2004	9/26/2018		258				Earthborn	Meadow Feast and Primitive Natural (Alternated bags)	Stella and Chewys Chicken Mixers 5-8 nuggets a meal (2x/day)	6 mo - 1 yr	No	Bags of food (28 lb bags with 2 dogs) were alternated after each was depleted.
Michele Reichard	Golden Retriever	5/8/2013	10/2/2018		314				Earthborn	Holistic Great Plains Feast Grain Free	999 mg Fish Oil Daily	> 1 yr	No	
Patricia Morrison	Golden Retriever	11/24/2008	10/2/2018		354				Earthborn	GF	First Mate canned turkey or canned salmon. Canned sardines once weekly x one month prior to testing.	> 1 yr	No	
Susanna Roland	Rough Collie	3/17/2012	10/4/2018		282				Earthborn	COASTAL CATCH GRAIN FREE	Sometimes topped with shredded cheese or tiny bit of canned cat food.	> 1 yr	No	
Alan Bedford	Golden Retriever	6/24/2017	10/5/2018		275	111			Earthborn	Coastal Catch		< 6 mo	No	
Debbie Duncan	Belgian Tervuren	10/6/2015	11/5/2018			114	11/3/2018	Equivocal for DCM	Earthborn	Earthborn Great Plains Feast until October. Transitioned to Earthborn Venture Duck & Pumpkin.		6 mo - 1 yr	No	Started Earthborn in April 2018. Fed SportDogFood Elite GF Limited Ingrid Beef until it became unavailable. Fed Natural Balance Limited Ingrid Lamb Meal & Rice for a few months prior to Earthborn Great Plains Feast.
Michelle Simon	Mixed	1/19/2017	11/11/2018		304				Earthborn	Primitive natural GF	Health Extension canned Salmon, Beef, Chicken	> 1 yr	No	
Kate Albiniak	Golden Retriever	8/3/2015	11/5/2018	RETEST	298				Earthborn	Adult Vantage		< 6 mo	No	Retest
Marla Fields	Golden Retriever	12/22/2011	11/11/2018		308				Earthborn	Coastal Catch		> 1 yr	No	
Kenzie Swaney	Golden Retriever mix	1/13/2015	11/26/2018		223		10/15/2018	normal	Earthborn	Meadow Feast	Hill's I/D canned prescription dog food, Zignature canned dog food, and Wellness 95% canned dog food.	6 mo - 1 yr	No	Gave a couple tablespoons canned food mixed into each meal to entice eating.
Patricia A Inza	Golden Retriever	3/6/2013	9/26/2018		164	94	12/8/2018	Normal	Earthborn	Coastal Catch	4 oz chicken breast/2X day, 2-3 eggs/week	> 1 yr	No	Actual time was > 3years, prior various grain free kibble
Laura Voncina	Golden Retriever	11/13/2010	10/24/2018		233	150	12/4/2018	DCM	Earthborn	GR varied flavors		> 1 yr	No	
Joanne Mayors	Golden Retriever	1/13/2008	9/25/2018		266				Earthborn	Holistic Great Plains Feast GF		> 1 yr	No	
Martha Windisch	Golden Retriever	6/3/2013	10/3/2018		352				Earthborn, Fromm, Merrick, Nulo, Taste of the Wild, Wellness	Too many to list - see Comments	Merrick or Wellness - canned food. Canned sardines, Yogurt, string cheese	> 1 yr	No	Same as above Formula Details: Merrick Back Country Raw Infused Game Bird GF & pacific catch GF; Wellness CORE turkey GF & Ocean GF, Taste of Wild Pacific Stream salmon GF; Fromm Whitefish and Potato GF; Nulo salmon and sweet potato GF; Earthborn coastal catch GF (I rotated the brands - the ones listed first I fed more, but hard to say a %
Martha Windisch	Golden Retriever	9/29/2017	10/3/2018		366				Earthborn, Fromm, Merrick, Nulo, Taste of the Wild, Wellness	Too many to list - see Comments	Merrick or Wellness - canned food. Canned sardines, Yogurt, string cheese	> 1 yr	No	Same as above Formula Details: Merrick Back Country Raw Infused Game Bird GF & pacific catch GF; Wellness CORE turkey GF & Ocean GF, Taste of Wild Pacific Stream salmon GF; Fromm Whitefish and Potato GF; Nulo salmon and sweet potato GF; Earthborn coastal catch GF (I rotated the brands - the ones listed first I fed more, but hard to say a %



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**TAURINE TEST RESULTS - TABLE 2**

AFTER September 1, 2018  
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 = LOW Level <200  
 = MARGINAL Level for Golden Retrievers 200-250  
 = DCM or CHF w/o Low Taurine + Diet Related




Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Martha Windisch	Golden Retriever	10/6/2004	10/3/2018		567				Earthborn, Fromm, Merrick, Nulo, Taste of the Wild, Wellness	Too many to list - see Comments	Merrick or Wellness - canned food. Canned sardines, Yogurt, string cheese	> 1 yr	No	I didn't give a straight taurine supplement but did give Nupro supplement several times a week plus I believe some of the dog food companies had started to supplement- ie Merrick told me they added taurine but that it wasn't listed on the package yet. Formula Details: Merrick Back Country Raw Infused Game Bird GF & Pacific Catch GF; Wellness CORE turkey GF & Ocean GF, Taste of Wild Pacific Stream salmon GF; Fromm Whitefish and Potato GF; Nulo salmon and sweet potato GF; Earthborn coastal catch GF (I rotated the brands - the ones listed first I fed more, but hard to say a %
Janet Blume	Alaskan Malamute mix	11/22/2010	10/9/2018		383				Earthborn, Honest Kitchen	Earthborn coastal, rotate Honest Kitchen - mostly grain free beef or turkey occasionally grain inclusive beef or turkey		> 1 yr	No	I also feed Dynamite Specialty Products Dynapro with each meal and 1/2 scoop Dynamite Specialty Products TNT with morning meal.
Krisa Rohrbach	Golden Retriever	2/27/2014	9/19/2018		225				Earthborn, Merrick	Earthborn Primitive Natural	> 1 yr	> 1 yr	No	
Sheila O Mitchell	Golden Retriever	11/2/2017	10/5/2018		312	80			Earthborn, Purina	50% OceanFusion 50% ProPlan 30/20 Sport		< 6 mo	No	
Kim Strashensky	Golden Retriever	6/9/2014	9/7/2018		267				Earthborn, raw tripe, Dr. Harvey's or Gradma Lucy's	50% kibble 50% Raw tripe	Chicken breast and ground beef	< 6 mo	No	Raw tripe with Dr. Harvey's premix or Grandma Lucy's grain free premix in am
Carolyn Cohen	Golden Retriever	3/28/2016	12/7/2018		258				Earthborn, Wellness	Simple Fish and Potato		> 1 yr	No	
Carolyn Cohen	Golden Retriever	3/28/2016	12/7/2018		258				Earthborn, Wellness	Simple Fish and Potato		> 1 yr	No	
Linda Eklund-Francis	Golden Retriever	6/13/2008	9/18/2018		288		9/18/2018	Normal	Eukanuba	Fed Eukanuba for 3 mos prior to taurine test	mainly cooked veggies, occasionally 1/8 cup meat ( varied types)	> 1 yr	No	Dog was fed Eukanuba for first 3 1/2 years, then switched to Blue Buffalo Grain Free for 1 1/2 years then switched back to Eukanuba Premium Performance for past 5 years
Charlotte Hertz	Golden Retriever	7/9/2016	11/14/2018	RETEST	218				Eukanuba	Performance 28/18		< 6 mo	No	RETEST
Linda J Eklund-Francis	Golden Retriever	6/13/2008	9/26/2018		288		9/26/2018	Normal	Eukanuba	Chicken		> 1 yr	No	Fed Blue Buffalo Grain Free 5 years ago ( for 1 1/2 yrs)
Caroline Baihly	Flat-coated Retriever	7/15/2015	9/17/2018		360				Eukanuba, Farmina	50/50		< 6 mo	No	
Caroline Baihly	Golden Retriever	4/10/2012	9/17/2018		244		9/19/2018	Normal	Eukanuba, Farmina	50% Eukanuba Excel Adult Salmon; 50% Chicken & Pomegranate Ancient Grains		< 6 mo	No	
Patti Kostakis	Golden Retriever	8/12/2013	11/19/2018		305	204	11/19/2018	Normal	Eukanuba, Fromm	Eukanuba Sport 50% Fromm Gold 50%	Chicken Hearts & gizzards, Sardines, eggs, yogurt	6 mo - 1 yr	No	
Jennifer Williams	Golden Retriever	11/3/2015	9/20/2018		189		10/26/2018	Mild DCM, function only	Farmer's Dog, Only Natural Pet	FD: Beef ONP: chicken, beef and lamb	Only Natural Pet Beef and Tripe RawNibs	6 mo - 1 yr	No	Switched to ONP Grain-Free MaxMeat Beef and Pumpkin roughly three months before taurine test, away from other ONP foods that had legumes. Farmer's Dog ran 8 months, stopped in March. FD: Beef (started with chicken, pork and beef, found out about food sensitivities, whittled down to beef and pork, then just beef over course of several months). ONP: chicken, beef and lamb, Easy Raw freeze dried, Power Feast, Wholesome Homemade, Grain Free Max Meat, Canine Power Food, PowerFusion Dry
Kristi L KENWORTHY	Golden Retriever	1/12/2017	9/19/2018		344				Farmina	GF Chicken Pumpkin Pomegranate	Raw Egg, Sardines, Cottage Cheese	6 mo - 1 yr	No	
Betsy Sande	Golden Retriever	3/24/2017	9/19/2018		300				Farmina	80% Ancestral Grain - chicken & cod formulas 20% Fromm Gold grain inclusive		6 mo - 1 yr	No	
Betsy Sande	Golden Retriever	5/18/2014	9/19/2018		282				Farmina	Approx 80% Farmina ancestral grain chicken & cod/20% fromm grain inclusive gold		6 mo - 1 yr	No	



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Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Joan Meilleur	Golden Retriever	3/15/2010	10/1/2018		346		6/22/2018	Normal	Farmina	Ancestral Grains Chicken & Pomegranate		< 6 mo	No	
Maryann Kolimaga	Golden Retriever	1/18/2017	10/2/2018		271				Farmina	N&D Ancestral Grain Chicken & Pomegranate/N&D Ancestral Grain Lamb & Blueberry	Egg	< 6 mo	No	
Ellen Lipps	Golden Retriever	8/16/2008	10/3/2018		358		6/3/2018	Normal	Farmina	Ancestral Grains Chicken and Pomegranate	Freeze dried Chicken hearts, raw chicken Egg,	> 1 yr	No	
Ellen Lipps	Golden Retriever	1/1/2010	10/3/2018		334		6/3/2018	Normal	Farmina	Ancestral Grain Chicken and Pomegranate	Freeze Dried Chicken Hearts and raw Chicken Egg	> 1 yr	No	
Susan Keller	Golden Retriever	3/2/2015	10/9/2018		313				Farmina	Chicken + Ancestral Grain/Stella+Chewy raw frozen patties	Cooked ground beef, sardines, cooked ground chicken	6 mo - 1 yr	No	
Amber Duff	German Wirehaired Pointer	7/5/2012	10/25/2018		312	94	10/25/2018	Normal	Farmina	GF - Chicken & Pomegranate	Raw Ground Turkey	6 mo - 1 yr	No	
Clay Stringer	Golden Retriever	11/24/2017	11/20/2018		361				Farmina	Ancestral Grain Chicken Pomegranate		> 1 yr	No	
Laurel Doudera	Golden Retriever	2/2/2012	10/2/2018	RETEST	416		9/6/2018	DCM see comments	Farmina	Ancestral Grain Chicken & Pomegranate	chicken, ground turkey, eggs, yogurt, sardines	< 6 mo	Yes	RETEST Dog has been on taurine supplement for 2 weeks. Feeding Farmina Ancestral Grain Chicken & Pomegranate for one month. Echo confirmed moderate dilation of left ventricle. Echo and taurine re-check in 3 months. Previous Taurine level 222 on 8/27/18; was on TOTW Pacific Stream GF for > 1 yr.
Ro Vinson	Golden Retriever	3/20/2018	10/24/2018	RETEST	373		7/20/2017	Normal	Farmina	Cod and Orange	Occasional chicken hearts	> 1 yr	No	RETEST for the 4th time
Virginia Lago	Golden Retriever	6/15/2017	11/27/2018		330				Farmina	Ancestral grains wild cod	Cooked ground beef, cooked chicken livers, sardines and eggs	6 mo - 1 yr	No	
Ginger Miller	Golden Retriever	3/26/2010	11/8/2018		280				Farmina	N&D Lamb and Blueberry GF	Organic Hamburger, herring, chicken eggs	> 1 yr	No	
Lynn Braga	Golden Retriever	10/17/2012	11/11/2018	RETEST	267		10/30/2018	Borderline area now normal. Improvement in all cardiac functions.	Farmina	Cod Ancestral Grain...after 4 mo of Fromm Salmon	HB egg every other day, 1T yogurt, 4oz cooked chicken or Gr beef	< 6 mo	No	
Cindy Ely	Golden Retriever	6/4/2017	10/2/2018		350				Farmina, Honest Kitchen	Honest Kitchen GF Beef (50%), Farmina Ancestral Grain Chicken and Pomegranate (50%)	Chicken eggs, sardines	< 6 mo	No	
Sue Gamble	Golden Retriever	7/28/2017	10/6/2018		284	97			Farmina, Purina	Ancient Grains Chicken & Pomegranate; Pro Plan Sport Salmon & Rice	Purina Pro Plan Sensitive Stomach canned	< 6 mo	No	
Kathy Frank	Golden Retriever	8/2/2007	9/17/2018		258				Farmina, Sport Dog Food	Sport Dog Turkey 1.5 month. Farmina 1.5 month (I switch to new food after each bag)	Eggs, sardines, Stella & Chewy, Primal, goats milk	< 6 mo	No	
Kathy Frank	Golden Retriever	5/25/2015	9/17/2018		256				Farmina, Sport Dog Food	1.5 month Sport Dog Turkey GF, 1.5 month Farmina	eggs, sardines, stella & chewy, Primal	< 6 mo	No	
Sree	Golden Retriever	8/28/2017	9/4/2018		330				Farmina, Stella & Chewy's (raw)	60% Farmina Chicken 40% Stella & Chewy Duck Dinner Patties (raw)	eggs - 2-4 per week, cooked chicken breast (once or twice a week), bully sticks (everyday)	> 1 yr	No	My dog is just a year old and has been on Farmina always.

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Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Susan Keller	Golden Retriever	5/30/2008	10/9/2018		468				Farmina, Stella & Chewy's (raw)	Chicken + Ancestral Grain (Farmina). Frozen patties (Stella+Chewy)	Cooked ground beef, sardines, cooked chicken	6 mo - 1 yr	No	
Janet Belliveau	Golden Retriever	4/12/2012	11/16/2018	RETEST	341				FirstMate	Wild Caught Fish and Oats	Sardines eggs goats milk	< 6 mo	No	RETEST- this is after 4.5 months on new food. [Edit: see Table 1 for original test done one TOTW Pacific Stream. Whole blood was in the marginal range at 204]
Michelle Furr	English Springer Spaniel	12/25/2017	10/18/2018		278				FirstMate, raw	50% Pacific caught fish and oats Plus 50% raw frozen duck (Primal, Stella and Chewys, or Vital Essentials)	Yogurt	< 6 mo	No	Just over three months on this food combination. Based on responses from all involved food brand to my emails, I have switched him to Purina Pro Plan Sensitive Skin and stomach canned food.
Kathleen Clayton	Golden Retriever	12/11/2013	9/4/2018		218		9/4/2018	Mild mitral valve insufficiency	Fromm	Beef Frittata Veg		6 mo - 1 yr	No	
Connell	Golden Retriever	6/11/2013	9/5/2018		250				Fromm	White Fish and Potato		> 1 yr	No	Was previously on Acana Pacifica for >1yr
Kayla Beliveau	Golden Retriever	10/8/2014	9/5/2018		247		9/20/2018	Normal	Fromm	Four star lamb and lentil		> 1 yr	No	
Susan Black	Golden Retriever	1/24/2015	9/5/2018		207		9/19/2018	mild decrease in systolic function	Fromm	Heartland Gold Large Breed Adult GF		> 1 yr	No	
Farishtey Panwar	Golden Retriever	9/30/2015	9/6/2018		337				Fromm	Heartland Gold Large Breed Adult Grain-free	Yogurt everyday. Eggs occasionally	> 1 yr	No	
Linda Lenahan	Golden Retriever	5/7/2015	9/6/2018		229		10/5/2018	Normal	Fromm	Fromm Duck and Sweet Potato and Adult Gold 50% and raw 50%	Eggs, yoghurt, eggs, cottage cheese	> 1 yr	No	
Sarah Eaves	Golden retriever/Poodle mix	4/20/2015	9/6/2018		199	60	10/10/2018	normal	Fromm	Grain Free- all varieties		> 1 yr	No	Salmon Oil (Pure Wild brand) 2-3 squirts every day
Diane Krieger	Golden Retriever	6/23/2011	9/6/2018		205		10/5/2018	Mild LV Dilation, Mild MR, Normal LV Systolic Function	Fromm	Grain Free- Rotating Protein Source		> 1 yr	No	
Diane Krieger	Golden Retriever	4/8/2014	9/6/2018		256				Fromm	Rotated GF Protein Sources		> 1 yr	No	
Robin L Greenfield	Golden Retriever	3/1/2016	9/7/2018		253				Fromm	Large Breed Adult	Eggs, Salmon and occ sardines	> 1 yr	No	
Harriet C Leitch	Golden Retriever	1/22/2017	9/7/2018		201		10/9/2018	Normal	Fromm	Chicken A La Veg 100%	6 mo - 1 yr	6 mo - 1 yr	No	
Julie DeKing	Golden Retriever	10/9/2016	9/10/2018		331		10/13/2018	Normal	Fromm	Four Star Duck and Sweet Potato		> 1 yr	No	No toppers. Was on Fromm Large Breed Puppy prior to Duck and Sweet potato for ~4 months and prior to that came home from the breeder on Eukanuba Large breed puppy.
Deborah Seline	Golden Retriever	11/29/2007	9/11/2018		318				Fromm	Gold Weight Management 75%	sardines, tripe, mussels, duck nibs, beef, salmon, turkey heart	< 6 mo	No	Also supplement with salmon or pollack oils and FidoVite Powder. Also feed fresh vegetables and fruits
Lisa Cardi	Golden Retriever	4/21/2014	9/11/2018		338				Fromm	Fromm Large Breed Gold	Meatballs/Assorted treats for training	> 1 yr	No	
Diane M. Denman	Golden Retriever	2/9/2015	9/11/2018		166		9/25/2018	Moderate DCM	Fromm	Pork & Applesauce	Dr. Harvey veg to bowl	> 1 yr	No	
Sharlene Santana	Golden Retriever	6/21/2014	9/12/2018		254				Fromm	Duck & Sweet Potato	Eggs, greek yogurt, meat (chicken, salmon or beef), and meat-based treats.	> 1 yr	No	Toppers fed a few times a week (not every day).
Lizz Breden	Golden Retriever	5/7/2013	9/12/2018		321				Fromm	Surf & Turf GF	Mostly boiled chicken breast or ground turkey, sometimes canned tuna or salmon	> 1 yr	No	Breeder had him on Diamond Naturals Lamb and Rice formula, but we switched him to Fromm Chicken a la Veg and then Salmon a la Veg within his 1st year. We then fed Duck and Sweet Potato for a couple years and then switched to GF Surf & Turf. He almost always receives meat toppers and sometimes vegetables, along with a daily dose of Glycoflex Plus. I also recently started him on an Omega-3s supplement (Nordic Naturals).
Jennifer Manzer	Golden Retriever	6/17/2012	9/13/2018		342				Fromm	Duck & Sweet Potato		> 1 yr	No	

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 = DCM or CHF w/o Low Taurine + Diet Related

Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Sarah Tandon	Chihuahua	8/1/2014	9/17/2018		266				Fromm	Four Star Nutritionals		6 mo - 1 yr	No	75% Fromm Four Star Nutritionals (Chicken au Frommage, Salmon Tunalini, Lamb and Lentil, Rancherosa), 12.5% Instinct Raw Boost, 12.5% Ziwi Peak (Beef & Lamb and Mackerel). Switched to Hill's Science Diet Perfect Weight 1 week prior to taurine test
Liza Jaipaul	Golden Retriever	3/25/2015	9/18/2018		248		Scheduled	TBA	Fromm	Fromm Classic for a year, Fromm Whitefish and Potatoes before that	Cooked beef, chicken or turkey, one cup a day.	> 1 yr	No	An echo is scheduled
Liza Jaipaul	Golden Retriever	3/24/2017	9/18/2018		284				Fromm	Fromm Classic and before that Fromm's Duck and Sweet Potato	One cup of cooked meat a day, varying from Chicken, beef, and turkey	< 6 mo	No	Was fed Fromm's Duck and Sweet Potato before Fromm's Classic
Jane Morrison	Golden Retriever	12/4/2009	9/19/2018		207		9/24/2018	Mild/early dilated DCM	Fromm	Fromm's Four Star Grain Free Beef Frittata and The Farmer's Dog Beef w/Lentils	Fromm Chicken Pate Grain Free	> 1 yr	No	Birth - 2013 Fed Purina ProPlan various with grain, chicken breast pieces 2013-2017 Fed Fromm's Grain Free Beef Frittata with Fromm's grain free topper, chicken breast pieces 2017 - identified chicken allergy 2017-2018 Fed The Farmer's Dog Beef Recipe (lentils is second ingredient) with green beans for weight management, ground beef patties pieces Present - Feeding Purina ProPlan Focus Salmon Sensitive Skin & Stomach and will add topper of Purina ProPlan Bright Mind Beef & Rice or Turkey & Rice Per cardiologist giving Taurine, L-carnitine supplements, fish oil and DHA Cardio follow up in 6 months
Deborah McCully	Golden Retriever	6/14/2013	9/24/2018		320				Fromm	Fromm Adult Gold	eggs, yogurt	> 1 yr	No	Toppers: Chicken eggs, bone broth, coconut oil, fish oil, blueberries, pumpkin, greek yogurt Treats: Stella & Chewy freeze dried beef toppers used as treats, ziwi peak liver treats, salmon treats
Deborah McCully	Golden Retriever	7/18/2008	9/24/2018		294				Fromm	Fromm's Adult Gold	Chicken eggs, yogurt	> 1 yr	No	Also: Chicken Bone Broth, Coconut oil, fish oil, Pumpkin Treats: dried cheese treats, Freeze dried beef treats, grandma lucy's organic blueberry snacks, dehydrated salmon
dads.reilly	Newfoundland	11/17/2016	9/26/2018		290				Fromm	Fromm gold grain inclusive	Lightly boiled meat mix of beef chicken lamb pork turkey and gizzards salmon sardines yogurt cottage cheese raw egg	> 1 yr	No	
Debbi French	Golden Retriever	8/19/2010	9/26/2018		323				Fromm	Adult Gold		> 1 yr	No	
Debbi French	Golden Retriever	12/4/2012	9/26/2018		261				Fromm	Adult Gold		> 1 yr	No	
Debbi French	Golden Retriever	8/19/2010	9/26/2018		236				Fromm	Adult Gold		> 1 yr	No	
Debbi French	Golden Retriever	1/22/2007	9/26/2018		310				Fromm	Adult Gold		> 1 yr	No	
Debbi French	Golden Retriever	8/19/2010	9/26/2018		234				Fromm	Adult Gold		> 1 yr	No	
Sharon Moreland	Irish Water Spaniel	4/3/2011	9/27/2018		252				Fromm	Whitefish and Potato	Turkey, pork, tuna, eggs--all cooked	> 1 yr	No	Test results did not include a date. Ive approximated test date from my calendar
Rebecca Campero	Golden Retriever	5/17/2018	9/28/2018		358				Fromm	Fromm GOLD Large Breed Puppy	Daily probiotic powder, green lipped muscle powder, mercola Krill oil, as well as a rotation daily of about 1/4 cup of organic pasture raised raw eggs, organic chicken turkey, grass fed beef hearts, raw sardines)	< 6 mo	No	Female - In tact (not spayed) 6 months old pup

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Rebecca Campero	Golden Retriever	3/17/2018	9/28/2018		378				Fromm	Fromm GOLD Large Breed Puppy	Daily probiotic powder, green lipped muscle powder, mercola Krill oil, as well as a rotation daily of about 1/4 cup of organic pasture raised raw eggs, organic chicken turkey, grass fed beef hearts, raw sardines maybe 2 a week)	< 6 mo	No	In tact male - not neutered (6 months old puppy)
Rebecca Campero	Golden Retriever	3/17/2018	9/28/2018		317				Fromm	Fromm GOLD Large Breed Puppy	Daily probiotic powder, green lipped muscle powder, mercola Krill oil, as well as a rotation daily of about 1/4 cup of organic pasture raised raw eggs, organic chicken turkey, grass fed beef hearts, raw sardines maybe 2 a week)	< 6 mo	No	In tact (not spayed female) - 6 months old puppy
Judy Super	Golden Retriever	11/21/2016	9/28/2018		300	89	9/28/2018	Normal	Fromm	Salmon Ala Veg		> 1 yr	No	
Gina Lonsdale	Golden Retriever	6/9/2014	10/2/2018		236		10/16/2018	Normal	Fromm	Fromm Gold Weight Mgmt (Dry) & Star Shredded Chicken		> 1 yr	No	Cardio results indicate Equivocal for Mild SAS
Collette Jaynes	Golden Retriever	11/17/2016	10/4/2018		392	126	10/4/2018	Normal	Fromm	Fromm Adult Gold	Chicken/chicken livers & beef hearts	> 1 yr	No	
Judy Super	Golden Retriever	2/8/2010	10/5/2018		321	97			Fromm	Chicken Ala Veg		> 1 yr	No	
Mary Page	Golden Retriever	12/3/2016	10/6/2018		645	124			Fromm	Adult Gold (black bag)	Fozen Bil Jac	> 1 yr	No	
Mary Page	Golden Retriever	7/10/2012	10/6/2018		253	111			Fromm	Adult Gold (black bag)	Frozen Bil Jac	> 1 yr	No	
Lee Cooperman	Golden Retriever	6/13/2011	10/8/2018		290				Fromm	Chicken a la Veg-breakfast, Beef Frittata (GF)-dinner	Cottage cheese each meal, Egg twice a week	> 1 yr	No	
Lee Cooperman	Golden Retriever	2/21/2012	10/8/2018		276				Fromm	Chicken a la Veg-breakfast, Beef Frittata(GF)-dinner	Cottage Cheese-each meal, egg twice a week	> 1 yr	No	
Jillian Venne	Golden Retriever	6/10/2016	10/9/2018		263				Fromm	Fromm Gold Adult Large Breed	> 1 yr	> 1 yr	No	
Laurie Drinnon	Golden Retriever	2/17/2011	10/9/2018		266				Fromm	Gold large breed adult		> 1 yr	No	Raw food is beef,organ,and bone
Laurie Drinnon	Golden Retriever	6/15/2016	10/9/2018		282				Fromm	Gold large breed adult		> 1 yr	No	Raw meal beef,organ and bone
COLIN CARPENTER	Golden Retriever	5/2/2012	10/12/2018		284				Fromm	4 Star GF	cooked chicken/beef	> 1 yr	No	
Barbara Murphy	Golden Retriever	2/21/2016	10/13/2018		232		11/1/2018	SAS Mild	Fromm	Fromm Gold Adult	Yogurt	< 6 mo	No	Prior food - Acana Appalachian Ranch for over 2 years.
Barbara Murphy	Golden Retriever	12/16/2013	10/13/2018		249		11/1/2018	Normal	Fromm	Fromm Gold Adult	Yogurt	< 6 mo	No	Prior food - Acana Appalachian Ranch for over 2 years.
John Schmidt	Golden Retriever	6/13/2017	10/16/2018		344				Fromm	Chicken a la veg and Salmon a la veg		> 1 yr	No	
Rachael Maginess	Cardigan Welsh Corgi	4/28/2012	10/21/2018		281				Fromm	Chicken a la veg and Duck and Sweet Potato		> 1 yr	No	
Rachael Maginess	Cardigan Welsh Corgi	5/23/2013	10/21/2018		177		12/12/2018	Normal	Fromm	Chicken a la Veg and Duck and Sweet Potato		> 1 yr	No	
Rachael Maginess	Cardigan Welsh Corgi	3/3/2014	10/21/2018		278				Fromm	Chicken a la Veg and Duck and Sweet Potato		> 1 yr	No	
Laurie Greaney	Great Pyrenees	1/18/2018	10/21/2018		250				Fromm	Large Breed Puppy	Dave's 95% meat canned food, 1/2C per day	6 mo - 1 yr	No	
Pam Sheldon	Golden Retriever	6/27/2011	10/22/2018		291				Fromm	Grain Free		> 1 yr	No	Wilson has been on Fromm's grain free since 10 weeks of age

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Erin Maglio	Goldendoodle	1/23/2016	10/23/2018		244				Fromm	Started with puppy large breed then various GF 4 star flavors		> 1 yr	No	
Sarah Toney	Golden Retriever	5/11/2014	10/24/2018		319				Fromm	GF Salmon Tunalini, GF Game Bird, GF Surf and Turf, GF beef frittata veg	Chicken egg, freeze dried liver	> 1 yr	No	
Kathy Bourland	Golden Retriever	5/5/2008	10/24/2018		292	89			Fromm	Adult Gold	beef chunks, egg, mackerel/sardines, fish & coconut oil, frozen green beans, pumpkin	> 1 yr	No	toppers are only one at a time roughly once a week, except the oils which are daily
Carolyn Richardson	Golden Retriever	3/13/2016	10/24/2018		368				Fromm	Whitefish and Potato		> 1 yr	No	
Renee Sutton	Golden Retriever	12/5/2013	11/5/2018		283				Fromm	Four Star Nutritionals mostly Chicken A La Veg and Duck and Sweet Potato	Chicken eggs, Sardines, Yogurt	> 1 yr	No	Nupro Immunity & Joint Supplement added each meal. Toppers added several times weekly except yogurt added each meal.
Renee Sutton	Golden Retriever	3/5/2017	11/5/2018		258				Fromm	Four Star Nutritionals - mostly Chicken A La Veg and Duck and Sweet Potato	Chicken eggs, Sardines, Yogurt	> 1 yr	No	Nupro Immunity & Joint Supplement added each meal. Toppers added several times weekly except yogurt added each meal.
Laurie Greaney	Great Pyrenees	10/21/2008	11/11/2018		434		10/22/2018	Normal, except slight mitral valve murmur diagnosed in 2016.	Fromm	Fromm Gold Weight Maintenance 1/3, Purina Bright Minds Large Breed 1/3, Fromm Salmon Tunalini 1/3	Dave's 95% Turkey canned, 1/2C per day; Proneurozone supplement, 2 tabs per day	> 1 yr	No	Echo was performed at Tufts, a 2-year follow up for a mild mitral valve heart murmur diagnosed in 2016. No evidence of DCM found.
Tiffany	Poodle mix	1/1/2018	9/11/2018	RETEST	307		8/13/2018	Full reversal from 6/2017 diagnosis	Fromm	Fromm Four Star Whitefish and potato.		> 1 yr	No	RETEST - His last taurine test was 6-21-2017. It was normal, 72 plasma. We don't have a birth date due to him being a rescue dog.
Kimberlee Chamberlin	Golden Retriever	1/24/2014	9/17/2018	RETEST	240		9/17/2018	Normal	Fromm	Heartland Gold Grain-Free Large Breed Adult Dry Dog Food		6 mo - 1 yr	No	RETEST
Kimberlee Chamberlin	Golden Retriever	1/24/2014	9/17/2018	RETEST	251		9/17/2018	Normal	Fromm	Heartland Gold Grain-Free Large Breed Adult Dry Dog Food		6 mo - 1 yr	No	RETEST
Jean Herbert	Golden Retriever	3/7/2010	12/1/2018			86	12/1/2018	Normal	Fromm	Whitefish and Potato	1/8 cup cooked ground beef once a day	> 1 yr	No	Fed Evangers Whitefish and Sweet Potato until 2 years ago.
Carol Plummer and Lee Daudelin	Golden Retriever	9/30/2015	11/11/2018		288				Fromm	Large breed adult	Eggs, sardines, meaty bones, freeze dried tripe	< 6 mo	No	Previously fed Orijen Original for 2 years
Robin Roberts	Golden Retriever	7/25/2015	11/26/2018		240		12/4/2018	normal	Fromm	Chicken, Chicken Meal		> 1 yr	No	After taurine test, I switched her to Royal Canin GR Adult. I give her a carrot daily.
Caroline Kaplonski	Golden Retriever	4/25/2012	11/12/2018		234		11/28/2018	Normal	Fromm	Adult Gold		> 1 yr	No	
Heather Donnelly	Golden Retriever	2/24/2016	9/9/2018		284				Fromm, Annamaet	50% Annamaet Encore 50% Fromm Adult Gold		> 1 yr	No	
Jean Owen	Golden Retriever	11/29/2004	9/5/2018		422				Fromm, Blue Ridge Raw	Fromm Salmon A la Veg Blue Ridge Beef	Lots of table scraps (varied meats, veggies)	> 1 yr	No	We feed a lot of human food during food prep and after our meal, so he is fed only a small amount of Dog food daily. Bully stick daily.
Cathy Guglielmo	Golden Retriever	7/9/2007	9/5/2018		250				Fromm, Bravo (raw)	Fromm Gold black bag, Pork and Applesauce, Salmon a la Veg 50% Bravo 50% frozen and Homestyle freeze dried	Eggs, yogurt, cottage cheese, turkey/beef (ground and liver), chix necks, sardines, blueberries, sardines, leftovers, Honest Kitchen	> 1 yr	No	Have used various other kibble in 5 - 15# bags to add or rotate such as Acana, Now, Nature's Logic and now ProPlan Salmon and Rice. Have always believed in raw and variety of everything, both raw and kibble.

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Cathy Guglielmo	Golden Retriever	7/25/2015	9/5/2018		288				Fromm, Bravo (raw)	Fromm Gold, Pork & Applesauce, Salmon a la Veg, 50% Bravo frozen and Homestyle freeze dried Pork or Turkey	Eggs, yogurt, cottage cheese, chix necks gr meat and liver, beef heart, sardines, blueberries, Honest Kitchen, leftovers	> 1 yr	No	Rotation of foods and variety of toppers is important to me
Carol Lowy	Golden Retriever	5/3/2018	10/17/2018		232				Fromm, Eukanuba	80% Fromm Large Breed Puppy Gold and 20% Eukanuba Large Breed Puppy		< 6 mo	No	Supplements: Springtime Longevity, Solid Gold SeaMeal, ProDen PlaqueOff, Pumpkin & Probiotic
Peter and Sandra Lok	Golden Retriever	5/17/2013	10/6/2018		304				Fromm, Home cooked and canned foods	Chicken, pork and beef	Mother Hubbard treats	> 1 yr	No	We also feed From. Canned dinners and homecooked meals and veggies
Peter and Sandra Lok	Golden Retriever	4/20/2006	10/6/2018		413				Fromm, Home cooked and canned foods	Beef, pork, Fish and Chicken	Mother Hubbard Treats	> 1 yr	No	We also feed From. Canned dinners and homecooked meals and veggies
Peter and Sandy Lok	Golden Retriever	2/27/2016	10/6/2018		289				Fromm, Home cooked and canned foods	Beef, pork, chicken and fish	Mother Hubbard Treats	> 1 yr	No	We also feed From. Canned dinners and homecooked meals and veggies
Lori Copsey	Golden Retriever	6/26/2012	11/22/2018		262				Fromm, Honest Kitchen	Surf and Turf	Honest kitchen Preference- veggies	> 1 yr	No	
Patty Lee Brown	Papillon	11/22/2009	9/15/2018		223				Fromm, Honest Kitchen	Duck & Sweet Potato/GF Love Beef		> 1 yr	No	
Jonnie L. Guerrisi	Golden Poodle mix	2/19/2017	11/9/2018		275				Fromm, Natural Balance, Science Diet (Hills)	Science Diet Lg Breed Puppy Chicken and Oats, Natural Balance GF Sweet Potato and Venison, Fromm Gold	Occasional eggs and chicken livers	< 6 mo	No	Fed Science Diet over 1 year. Switched to 1 lg bag NB GF Sweet Potato and Venison, half of 1 small bag From Gold
Nicole Ritter	Golden Retriever	12/13/2016	9/25/2018		179		10/19/2018	Occult DCM	Fromm, Primal (raw)	GF Game Bird Recipe	Primal Raw Turkey and Sardine, Primal Raw Goats Milk	> 1 yr	No	
Sharon Holt	Golden Retriever	6/11/2016	11/8/2018		226		12/4/2018	Normal	Fromm, Primal (raw)	70% Primal Pronto (rotated Beef, Duck, Turkey & Sardine) 30% Fromm Gold Adult		6 mo - 1 yr	No	1/2 cup Organic Yogurt/wk. Dogzymes Probiotic Digestive Enhancer, Dogzymes Phyto-Flex, Wholistic Canine Complete supplements. 2 Raw Beef Marrow Bones/wk.
Laurie Drinnon	Golden Retriever	3/28/2012	10/9/2018		414				Fromm, Raw (home prepared)	Gold Large Breed Adult		> 1 yr	No	Raw meal is an 80/10/10 mix of beef, organ, bone
Marcy Wilson	Golden Retriever	7/1/2012	10/10/2018		306				Fromm, Taste of the Wild	duck and sweet potato - adult gold	left overs, chicken, yogurt, cottage cheese	6 mo - 1 yr	No	
Judith Ills	Border collie	6/5/2013	10/10/2018		198		10/10/2018	Borderline to mild DCM and mild mitral valve regurgitation	Fromm, Ziwipeak	GF Pork & Pea and Lamb & Lentil	Ziwipeak beef and chicken	> 1 yr	No	Started on taurine and L Carnitine. Retest taurine in two months and echo again in four months
Judith illis	Border collie	6/5/2013	10/10/2018		240		10/10/2018	Borderline to mild DCM mild mitral valve regurgitation	Fromm, Ziwipeak	GF Pork & Pea and Lamb & Lentil	Ziwipeak beef and chicken	> 1 yr	No	Taurine and L Carnitine supplements and retest taurine in two months and echo again in four months
Valerie Jenkins	Golden Retriever	3/21/2011	9/4/2018		275				Go!	Senior: Chicken, Turkey & Trout Formula (grain free)	Go! Daily Defense Turkey Stew on occasion (for past 3 months); beef jerky treats; lamb jerky treats; peanut butter treats	> 1 yr	No	

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Valerie Jenkins	Golden Retriever	11/4/2005	9/4/2018		304				Go!	Senior: Chicken, Turkey & Trout Formula (grain free)	Go! Daily Defense Turkey Stew on occasion (for past 3 months); beef jerky treats; lamb jerky treats; peanut butter treats; Greenies Pill Pocket -- Duck and Pea Formula -- 1 per day (last 3 months)	> 1 yr	No		
Denise and/or Karl Taylor	Golden Retriever	5/15/2014	9/21/2018		284		10/1/2018	LV dysfunction and dilation; trace MR and Mild TR. Mild LA dilation	Go!	Sensitivity + shine limited ingredient salmon		6 mo - 1 yr	6 mo - 1 yr	No	Prior to Go! salmon, was feeding raw bravo turkey for about a year.
Diane Richardson	Southern Black Mouth Cur	9/29/2009	10/22/2018		414				Go!	Sensitivity and shine limited ingredient turkey		> 1 yr	No		
Deborah McCully	Golden Retriever	5/22/2014	9/24/2018		307				Holistic Select	Adult Puppy Salmon Anchovy, Sardine GF	Yogurt	6 mo - 1 yr	No	Also: Honest Kitchen Beef Bone Broth, Coconut Oil, Fish Oil, Pumpkin, Treats: Grandma Lucy's Freeze Dried White Fish, Dehydrated Salmon, Open Farm Beef Treats Freeze Dried, Stella and Chewy Beef Treats	
Karen Ginnett	Golden Retriever	6/5/2015	11/19/2018		248		12/5/2018	Normal	Holistic Select, Royal Canin	Anchovy & Sardine & Salmon Meal	None	< 6 mo	No	Prior diet since she was a puppy was Earthborn GF and Wellness Core GF.	
Heather Donnelly	Golden Retriever	4/26/2006	9/9/2018		341				Home Cooked	Chicken, beef, rice, pumpkin, vitamin mineral supplement, probiotics, fish oil		6 mo - 1 yr	No	Dog has urinary stones and did not do well on prescription diet, so homecook	
Tiffany Clark	Golden Retriever	11/10/2015	9/4/2018		256				Honest Kitchen	50% THK limited ingredient fish (brave) 50% THK limited ingredient turkey (marvel)	sardine / anchovy oil	> 1 yr	No		
Theresa Showalter	Cavapoo	1/19/2014	9/4/2018		291				Honest Kitchen	Grain free limited ingredient fish	Boiled hamburger, THK Proper Toppers grain free beef recipe, THK Proper Toppers grain free fish recipe, Answers Raw Goats Milk all fed daily.	6 mo - 1 yr	No		
Deborah Hammond	Shetland Sheepdog	3/13/2010	9/5/2018			30			Honest Kitchen	HK Preference w/ chicken thighs (90-95%) Acana - 5%		> 1 yr	No		
Melanie Mayo	Golden Retriever	7/17/2008	9/17/2018		271		9/19/2018	Normal	Honest Kitchen	Embark	Honest Kitchen Fish and Honest kitchen beef	> 1 yr	No		
Melanie Mayo	Golden Retriever	12/17/2010	9/17/2018		256			Normal	Honest Kitchen	embark	Honest kitchen beef and honest kitchen fis	> 1 yr	No		
Melanie Mayo	Golden Retriever	11/16/2012	9/17/2018		233			Normal	Honest Kitchen	Embark	honest kitchen beef and Honest kitchen fish	> 1 yr	No		
Vivian Huynh	Golden Retriever	1/3/2012	9/18/2018		319	131 (not fasted - 9/5/18)			Honest Kitchen	Honest Kitchen GF Veggie, Nut, & Seed Base Mix (formerly Kindly)	Raw rabbit for past 3 months, previously fed dehydrated lamb, beef, mackerel from Real Meat Company and Ziwi Peak	> 1 yr	No	Plasma result was from 9/5/18 (not fasted), whole blood from 9/18/2018	
Maribeth Prunier	Golden Retriever	11/22/2013	9/19/2018		130	24	9/19/2018	Normal	Honest Kitchen	Chicken, beef, fish, turkey		> 1 yr	No		
Cindy Ely	Golden Retriever	10/21/2011	10/2/2018		323				Honest Kitchen	Honest Kitchen GF Beef	Chicken eggs, sardines	> 1 yr	No	Have fed HK GF for four years, alternating proteins but using primarily beef.	



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Barb Beshears	Golden Retriever	1/15/2012	10/9/2018		252				Honest Kitchen	Kindly Base Mix	Sardines	6 mo - 1 yr	No	
Jean Owen	Golden Retriever	8/26/2017	9/5/2018		267				Honest Kitchen, Blue Ridge Raw, Table Scraps	HK GF Beef Blue Ridge Beef	Table scraps (meat and veggies)	6 mo - 1 yr	No	This boy is very lean and incredibly active, gets more than 1 lb of raw beef per day. He get a lot of table scraps (meat and veggies) when we prepare meals and after meals
Jean Owen	Golden Retriever	3/6/2013	9/5/2018		286				Honest Kitchen, Blue Ridge Raw, Table Scraps	HK GF Beef Blue Ridge Beef	Table scraps (meat and veggies)	> 1 yr	No	Our dogs eat a lot of scraps (meats and raw Veggies)while we prepare food and after we eat. If we eat it, so do they . Dog food portion is rather low.
Pat Johnson	Golden Retriever	2/26/2014	9/14/2018		238 Edit: Verifying				Honest Kitchen, K-9 Kravings (raw), Newman's Own	HK Love & Embark ; K9 Cravings Chicken & Beef; Newman Canned Turkey and Rice	Chicken eggs, dark meat turkey, chicken thighs, lean beef and pork all cookef	> 1 yr	No	
Andrea Jung	Newfoundland	6/10/2010	10/10/2018		320		10/8/2018	Normal	Honest Kitchen, Purina	50% Honest Kitchen Love, 50% Purina Pro Plan Sport 30/20		< 6 mo	Yes	Honest Kitchen (grain-free) discontinued after taurine test and echo. Eating 100% Pro Plan Sport now. nt-proBNP is elevated at this time (taurine and echo were normal). Will recheck nt-proBNP in 3 months and see if it decreases with diet change.
Sam&Jeanette Swor	Golden Retriever	2/21/2015	9/19/2018		210				Honest Kitchen, Royal Canin	Honest Kitchen Verve Royal Canine GI	Eggs, sardines, greek yogurt, raw meat	6 mo - 1 yr	No	
Tobi Paton	Golden Retriever	6/23/2015	9/4/2018		298				Honest Kitchen, Taste of the Wild	Pacific Stream (salmon), High Prairie (Bison) and Sierra Mountain (lamb)	Mix in half a cup of Honest Kitchen beef or chicken, occassional bully sticks	> 1 yr	No	This dog whelped 9 puppies 7 months prior to being tested
Dalice Clearwater	Golden Retriever	4/6/2017	9/18/2018		295				Horizon	Pulsar pulses & fish formula GF	Whole raw herring or chicken necks	6 mo - 1 yr	No	
Debra Sylvester	Golden Retriever	2/15/2015	9/25/2018		316				I and Love and You, Home Cooked	Last 6 mo: 50% Love Naked Essentials GF + 50% homecooked	Cooked turkey, cooked chicken eggs, cottage cheese and yogurt	6 mo - 1 yr	No	Other Food: Naked Essentials GF Lamb and Bison <a href="https://www.iandloveandyou.com/shop/naked-essentials-dry-dog-food-lamb-bison">https://www.iandloveandyou.com/shop/naked-essentials-dry-dog-food-lamb-bison</a> Previous 2 years Fed 50% Orijen Original and 50% homecooked
Marcy Burke	Golden Retriever	10/6/2007	9/18/2018		488				K-9 Kraving (raw)	40% chicken, 40% turkey, 10% beef, 10% duck	Treats are usually chicken, pork beef leftovers as well as cheese sticks	> 1 yr	No	
Gayle Watkins	Golden Retriever	10/5/2017	9/26/2018		310				K-9 Kraving (raw)	rotate through duck, beef and chicken, chicken, turkey, and tripe		> 1 yr	No	
Chris O'Shea	Labrador Retriever	3/5/2017	10/1/2018		301				K-9 Kraving (raw)	Beef, Chicken and Vegetable	Sardines (1 can/week), dehydrated chicken hearts (2-3/day), eggs (2-3/week)	6 mo - 1 yr	No	
Susan Sheets	Golden Retriever	3/18/2015	10/6/2018		215	51	10/6/2018	Normal	K-9 Kraving (raw), Blue Ridge, Top Quality Dog Food	K9: Beef & Veg; Beef, Chicken & Veg; Duck & Veg /BR: Beef Breeder's Choice/TQDF: Tripe; Beef HVM'; Beef & Tripe	TQDF Sardines; Chicken Egg; Mackerel	> 1 yr	No	
Susan Sheets	Golden Retriever	9/17/2016	10/6/2018		319	105			K-9 Kraving (raw), Blue Ridge, Top Quality Dog Food	K9: Beef & Veg; Beef, Chicken & Veg; Duck & Veg /BR: Beef Breeder's Choice/TQDF: Tripe; Beef HVM'; Beef & Tripe	TQDF Sardines 3x week; Chicken Egg 1x week; Mackerel 1tblsp 2x's/day	> 1 yr	No	
Susan Sheets	Golden Retriever	7/16/2017	10/6/2018		206	97	10/6/2018	Normal	K-9 Kraving (raw), Blue Ridge, Top Quality Dog Food	K9: Beef & Veg; Beef, Chicken & Veg; Duck & Veg /BR: Beef Breeder's Choice/TQDF: Tripe; Beef HVM'; Beef & Tripe	TQDF Sardines; Chicken Egg; Mackerel	> 1 yr	No	
Pat Johnson	Golden Retriever	1/1/2018	10/5/2018		307				K-9 Kraving (raw), Honest Kitchen	Beef & Chicken or Turkey		> 1 yr	No	Also fed Honest Kitchen Love, Embark and Zeal, Newman's Own canned turkey and home prepared

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 = DCM or CHF w/o Low Taurine + Diet Related

Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Mary Campbell	Italian Spinone	6/27/2008	9/4/2018		216				Kent Feeds Native	Level 2		> 1 yr	No	
Mary Campbell	Italian Spinone	3/19/2012	9/4/2018		218				Kent Feeds Native	Level 2		> 1 yr	No	
Janice Emerson	Golden Retriever	4/11/2008	9/5/2018		157		10/4/2018	Normal	Kirkland Nature's Domain	Salmon and Sweet Potato GF		> 1 yr	No	
Terry Matull	Golden Retriever	12/18/2013	9/10/2018		236		10/12/2018	Normal	Kirkland Nature's Domain	Salmon & Sweet Potato	Poached chicken	> 1 yr	No	
Laurie Packard Schaff	Great Pyrenees	2/2/2009	9/14/2018		246				Kirkland Nature's Domain	Salmon & Sweet Potato		> 1 yr	No	
Sheri Jahn	Australian Labradoodle	12/11/2016	9/17/2018		343		10/3/2018	Normal	Kirkland Nature's Domain	Turkey meal sweet potato/salmon sweet potato GF		> 1 yr	No	
Sheri Jahn	Australian Labradoodle	9/15/2016	9/17/2018		322		10/3/2018	Normal	Kirkland Nature's Domain	Turkey sweet potato/salmon sweet potato GF		> 1 yr	No	
Sheri Jahn	Golden Retriever Poodle Mix	10/7/2012	9/17/2018		365		10/3/2018	Normal	Kirkland Nature's Domain	Turkey sweet potato/salmon sweet potato GF		> 1 yr	No	
Kim Bartleson	Golden Retriever	4/8/2011	10/4/2018		303				Kirkland Nature's Domain	Salmon	6" Bully Stick daily, sardines, eggs, cooked turkey	> 1 yr	No	
Kim Bartleson	Golden Retriever	10/31/2015	10/4/2018		246				Kirkland Nature's Domain	Salmon	Bully sticks, sardines, eggs, cooked turkey	> 1 yr	No	
Cindy Sullivan	Golden Retriever	11/4/2006	9/7/2018	RETEST	220		10/5/2018	Normal	Kirkland Nature's Domain	Salmon and Sweet Potato	Chicken eggs	> 1 yr	No	
Cindy Sullivan	Golden Retriever	5/6/2011	6/9/2018		236		10/5/2018	DCM	Kirkland Nature's Domain	Salmon and Sweet Potato	Chicken egg	> 1 yr	No	
Tami Roleff	Golden Retriever	5/1/2010	9/14/2018		271 See Notes				Merrick	Back Country Raw Infused Pacific Catch GF	pork, ground turkey, yogurt (occasional chicken, beef, canned salmon, canned mackerel)	> 1 yr	No	VetriScience CardioStrength pills (containing 250mg taurine) was being given to Thunder for >1 yr, but stopped about 1 week prior to blood test.
Tami Roleff	Golden Retriever	6/19/2011	9/14/2018		298 See Notes				Merrick	Back Country Raw Infused Pacific Catch	pork, ground turkey, yogurt (occasional canned salmon, canned mackerel)	> 1 yr	No	VetriScience CardioStrength pills (containing 250mg taurine) was being given to Thunder for >1 yr, (1xday) but stopped about 1 week prior to blood test.
Dawn Shewchuk	Golden Retriever	8/8/2009	9/19/2018		392				Merrick	Duck and Sweet Potato GF	Sprinkle Stella and Chewys raw treats occasionally	> 1 yr	No	Large variety and volume of treats for training, not all GF; supplement Animal Essentials brand 'Plant Enzymes and Probiotics' at half recommended dose for most of life Lab report from WI Vet Dx Lab but Comment field says "TEST PERFORMED AT UC DAVIS AAL"
Dawn Shewchuk	Golden Retriever	12/17/2012	9/19/2018		278				Merrick	Duck & Sweet Potato GF	Stella and Chewys raw kibbles sprinkled occasionally	> 1 yr	No	Large variety and volume of treats for training, not all GF; on Animal Essentials brand 'Plant Enzymes and Probiotics' at half recommended dose for most of life Lab report from WI Vet Dx Lab but Comment field says "TEST PERFORMED AT UC DAVIS AAL"
Carrie Haines	Beagle Mix	10/31/2010	10/31/2018		176		11/5/2018	normal	Merrick	Merrick Back Country Game Bird, Stella & Chewy freeze dried chicken patties	treats: freeze dried minnows, freeze dried cod, freeze dried chicken liver	> 1 yr	No	
Amber Duff	Scottish Deerhound	10/9/2011	10/25/2018		318	180	10/25/2018	Normal	Merrick, Orijen	80% Orijen Six Fish (GF) & 20% Merrick Limited - Turkey & Sweet Potato (GF)	Raw Ground Turkey / Raw Ground Venison	> 1 yr	Yes	VetriScience Cardio supp. started 3 mths. prior to Taurine Test. Dog suffered cardiac injury (PVC & AFib) from envenomated Rattlesnake bite Oct.2017.
Diane L Bodle	Golden Retriever	3/7/2010	9/10/2018		172		9/17/2018	Normal	Merrick, Taste of the Wild	TOTW Grain Free; Merrick Duck, Sweet Potato		> 1 yr	No	Fed mainly TOTW grain free various formulas 7 yrs; then Merrick 2 months

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Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information	
Ann Greenbank	Golden Retriever	5/12/2011	9/12/2018		262	84			Mountain Dog Food	Chicken and Veggie mix		> 1 yr	No		
Ann Greenbank	Golden Retriever	10/25/2018	9/15/2018		256	45			Mountain Dog Food	Chicken and Veggie mix		> 1 yr	No		
Janet McKune	Golden Retriever	9/11/2013	9/4/2018			108			Natural Balance	Duck and Potato GF		> 1 yr	No	From Canada	
Carol Nin	Golden Retriever	1/3/2015	9/11/2018		261		10/10/2018	Normal	Natural Balance	Bison and Sweet Potato		6 mo - 1 yr	No	Trivial tricuspid regurgitation with no right atrial enlargement.	
Kimberly Spering	Golden Retriever	8/26/2013	9/13/2018		266	144			Natural Balance	Sweet Potato & Bison (grain-free) -- switched after taurine test to Royal Canin Golden Retriever		> 1 yr	No	Plasma hemolyzed; lab estimates plasma level 100 - 110	
Carol Nin	Golden Retriever	7/20/2012	9/17/2018		247		9/25/2018	Not normal LV function is 15% and should be 30% or above	Natural Balance	Bison and Sweet Potato	6 mo - 1 yr	6 mo - 1 yr	No	Remi's assessment from his cardiologist is LV dysfunction and dilation; suspect taurine-deficiency cardiomyopathy. Trace MR. Mild LA dilation. Hypertension.	
Sylvia Krainin	Golden Retriever	6/3/2014	9/18/2018		275				Natural Balance	L.I.D Potato & Duck	Chicken occasionally and if stomach issue Prescription Hills ID Chicken stew but only on occasion.	> 1 yr	No	Ella will be having an Echo just in case next week even though she tested in normal range. Will update after.	
Kathy Welch	Golden Retriever	10/1/2013	10/1/2018		243		10/24/2018	Mild DCM	Natural Balance	Limited Ingredient-fish/salmon and potato		< 6 mo	No	Prior food was Earthborn Coastal Catch for at least 3 years.	
Mary Page	Golden Retriever	12/3/2016	10/6/2018		496	158			Natural Balance	Salmon and Sweet Potato Limited Ingredient		6 mo - 1 yr	No		
Stacey Elliot	Golden Retriever	9/12/2012	10/12/2018		316	128			Natural Balance	Sweet Potato and Venison	Occasional Cooked Chicken/Beef, Cooked Eggs, Vegetables	> 1 yr	No		
Ned Buchman	Golden Retriever	1/24/2016	10/15/2018		395	119	3/21/2018	See Comments	Natural Balance	LID Sweet Potato & Bison GF	Canidae GF PURE Land Lamb	< 6 mo	Yes	Cora was adopted from China in March 2018. Her diet and medical history prior to March 2018 are unknown. Taurine supplement of 1500mg/day was started in March 2018. Second echo in August 2018 showed no change. Diet changed to Royal Canin Golden Retriever kibble and can food in August 2018. Enalapril 30mg, Vetmedin 15mg, and 200mg L-Carnitine per day started August 2018. ECHO RESULTS: Mild left ventricular dilation and dysfunction - rule out mild dilated cardiomyopathy - idiopathic vs. taurine/amino acid responsive. Physiologic ejection murmur. Trace mitral and tricuspid valve regurgitation. Normal left atrial dimensions. No evidence of CHF. Sinus arrhythmia.	
Elizabeth Fougere	Golden Retriever	2/10/2017	10/24/2018		359				Natural Balance	LID LambandRice	Canned meat, eggs, green beans	> 1 yr	No	Date of blood test approx. fed RC GR puppy up to one year old.	
Darylen Schwartz	Golden Retriever	9/13/2009	9/4/2018		335		10/9/2018	Normal heart	Natural Balance	Chicken and sweet potato	eggs	> 1 yr	No	Vegetables also added	
Teresa Wheeler	Golden Retriever	12/1/2015	12/13/2018		287				Natural Balance	salmon and sweet potato		> 1 yr	No	I adopted him in March 2017 at approximately 15 months old. Not sure what he was fed prior to this. He has been on natural balance sweet potato and salmon since I adopted him.	
Gina Lonsdale	Flat Coated Retriever	2/23/2014	10/2/2018		310				Natural Balance, Royal Canin	Royal Canin Rabbit & Potato (4 months) & just started Natural Balance Buffalo & Sweet Potato		< 6 mo	< 6 mo	No	
Lucy Anugrah	Mini Goldendoodle	6/20/2012	9/19/2018		325				Natural Planet Organic	Kangaroo & Venison Meal Entree GF	Super Gravy Alfredo, True Chews Chicken&Bacon Recipe, Preen chicken jerky (at night), Scrambled eggs (on weekends)	< 6 mo	No	He was on Rawz Chiken & Turkey GF for 2.5 years, then we switched to Natural Planet Organic Kangaroo&Venison Meal GF 3 months prior to test. We're transitioning to Steve's Real Food Raw Freeze Dried Pork Recipe after blood drawn.	
Patricia Cross	Golden Retriever	6/26/2012	9/21/2018		213		10/17/2018	Normal	Nature's Logic	Rotated formulas		> 1 yr	No	3.5yrs on Fromm gf, various. .5 yr Orijen, var.	
Rebecca DeWire	Mixed pointer / border collie	7/15/2009	10/1/2018			111			Nature's Logic	Chicken		6 mo - 1 yr	No	Dr. Tim's Kinesis All Life Stages for many years before NL food.	

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Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Ellen Hardin	Golden Retriever	6/24/2017	10/12/2018		345				Nature's Logic	Beef, Duck and Salmon, Turkey rotated	Eggs, sardines, salmon, salmon oil	< 6 mo	No	
Ellen Hardin	Golden Retriever	10/11/2012	10/12/2018		321				Nature's Logic	Beef, Duck & Salmon, Turkey rotated	Eggs, sardines, salmon, salmon oil	< 6 mo	No	
Ellen Hardin	Golden Retriever	4/4/2013	10/12/2018		281				Nature's Logic	Beef, Duck & Salmon, Turkey rotated	Eggs, sardines, salmon, salmon oil	< 6 mo	No	
Ellen Hardin	Golden Retriever	8/1/2009	10/12/2018		311				Nature's Logic	Beef, Duck & Salmon, Turkey rotated	Eggs, sardines, salmon, salmon oil	< 6 mo	No	
Ellen Hardin	Golden Retriever	8/1/2009	10/12/2018		296				Nature's Logic	Beef, Duck & Salmon, Turkey rotated	Eggs, sardines, Salmon, salmon oil	< 6 mo	No	
Ellen Hardin	Golden Retriever	9/6/2003	10/12/2018		288				Nature's Logic	Beef, Duck & Salmon, Turkey rotated	Eggs, sardines, salmon, salmon oil	< 6 mo	No	
Nancy Light	Golden Retriever	1/18/2013	11/7/2018		168	84	12/10/2018	Normal	Nature's Logic	Nature's Logic Beef 70% Farmina Natural and Delicious Chicken GF 30%	Canned food (chicken or lamb) sardines, egg	< 6 mo	No	Other foods fed during the previous 9 months to above include Farmina Lamb Low-Grain, Victor Hi Pro Plus, Farmina Boar (GF) Natures Logic Chicken. Echo did show mild SAS and slight murmur likely caused by the SAS
Janet M Fulton	Golden Retriever	10/13/2016	10/15/2018		252	77			Nature's Select	Cold Water Recipe Salmon	Freeze dried liver, cooked ground beef	> 1 yr	No	
Monica Keracik	Golden Retriever	11/10/2007	10/5/2018		222	79			Nature's Variety	75% Senior Pro Blend Raw & 25% NV Prairie Salmon & Brown Rice	sardines, eggs	< 6 mo	No	
Monica Keracik	Golden Retriever	5/29/2011	10/5/2018		283	103			Nature's Variety	75% Senior Pro Blend Raw & 25% Prairie Salmon & Brown Rice	sardines, eggs	< 6 mo	No	
Cherry Karlson	Golden Retriever	6/3/2009	10/21/2018		215				Nature's Variety	Prarie Chicken and Brown Rice	None	> 1 yr	No	
Cherry Karlson	Golden Retriever	10/20/2012	10/21/2018		248				Nature's Variety	Prarie Salmon and Brown Rice	None	> 1 yr	No	
Diane Schafer	Golden Retriever	6/8/2017	9/11/2018		281				NomNomNow	Beef Mash-Beef, potatoes, carrots,peas,eggs GF	Kiwi raw dehydrated liver	6 mo - 1 yr	No	
Diane Hamblin	Golden Retriever	3/17/2010	11/8/2018		224	90			Northwest Naturals (raw)	Beef Slabs	cooked pork, cooked beef	> 1 yr	No	
Vandendool	Golden Retriever	3/1/2010	9/5/2018		295				Now Fresh	NOW Senior GF Lrg Breed - Turkey, Salmon, Duck		> 1 yr	No	<a href="https://www.petcarean.com/">https://www.petcarean.com/</a>
Vandendool	Golden Retriever	12/21/2013	9/5/2018		248				Now Fresh	NOW Senior GF Lrg Breed - Turkey, Salmon, Duck		> 1 yr	No	<a href="https://www.petcarean.com/">https://www.petcarean.com/</a>
Amy Vanderryn	Australian Shepherd	1/7/2016	10/3/2018		213		11/1/2018	Normal	Now Fresh	Rotate regular/fish/meat all GF	yogurt. Treats string cheese and others	> 1 yr	No	
Amy Vanderryn	Australian Shepherd	10/1/2011	10/3/2018		224		11/1/2018	Minor changes	Now Fresh	Rotate regular/fish/meat all GF	yogurt, treats - string cheese and others	> 1 yr	No	Echo - trivial mitral regurg, normal left heart size with low normal to mildly impaired left ventricular systolic function/contractility. Rule out variant of normal, early nutritional cardiomyopathy and other r/os.
AW	Golden Retriever	5/29/2015	9/17/2018		221		10/29/2018	Normal	Now Fresh, Annamaet	GF Large Breed Adult		> 1 yr	No	One month prior to test I started transitioning her to Annamaet Extra. She was eating 50% Now Fresh and 50% Annamaet Extra.
Marjorie Levy	Golden Retriever	7/9/2011	10/11/2018		320	53		pending	Nulo	Lamb and chickpeas GF/Salmon and peas GF		> 1 yr	No	Peanut butter in kong, ~1 teaspoon twice a day
Diane Mayland	Golden Retriever	11/10/2009	9/5/2018			37	10/8/2018	Minimally low fractional shortening. No valvular insufficiency.	Nutri Life	GF Fish Formula		> 1 yr	No	Echo result also stated differential diagnosis as normal variant versus mild myocardial dysfunction secondary to low taurine.  Nutri Life GF fish formula bag states taurine is added.
Diane Mayland	Golden Retriever	7/27/2011	9/5/2018			36	10/8/2018	Normal	Nutri Life	GF Fish formula		> 1 yr	No	Nutri Life GF fish formula states taurine is added.
Richard Krokell	Golden Retriever	8/14/2014	9/5/2018		321				NutriSource	Large Breed		> 1 yr	No	

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Susan Campia	Golden Retriever	3/24/2016	9/12/2018		297				NutriSource	Performance Chicken & Rice Formula		> 1 yr	No	
Susan Campia	Golden Retriever	3/24/2016	9/12/2018		234				NutriSource	Performance Chicken & Rice Formula		> 1 yr	No	
Susan Campia	Golden Retriever	10/6/2010	9/12/2018		302				NutriSource	Weight Management Chicken & Chicken Meal		> 1 yr	No	
Nancy VanBuskirk	Golden Retriever	6/30/2011	9/14/2018		280				NutriSource	Grain Free Chicken & Rice for weight management		6 mo - 1 yr	No	
Mindy Easterling	Golden Retriever	9/5/2016	9/17/2018		339				NutriSource	Large Breed Chicken & Rice		< 6 mo	No	Fed Fromm for 18 months, Nutrisouce the last 6 months
Mindy Easterling	Golden Retriever	8/2/2017	9/17/2018		309				NutriSource	Large Breed Chicken & Rice		< 6 mo	No	Fed Fromm Heartland GF Large Breed for 6 months and NutriSource the last 6 months.
Marche Metoyer	Golden Retriever	7/7/2014	10/6/2018		280				NutriSource	90% Beef & Rice/Chicken & Rice; 10% NV Instinct Raw Signature	Eggs, Sardines	< 6 mo	No	
Marche Metoyer	Golden Retriever	1/18/2016	10/20/2018		209		11/21/2018	Normal	NutriSource	90% NutriSource Beef & Rice/ Chicken & Rice (rotated), 10% Instinct Raw Signature	Sardines, Chicken Eggs	< 6 mo	No	
Bethanie Lewis	Golden Retriever	7/11/2017	9/20/2018		363				Nutro	Large Breed Lamb and Rice		> 1 yr	No	
Cheryl Tarr	Goldendoodle	3/27/2010	10/3/2018		279		9/12/2018	Normal	Nutro	L.I. Lamb & Sweet Potato		> 1 yr	No	Added a tbsp of canned food with her meals. Also rotated Nutro Duck & Lentils
Paige Whittingham	Golden Retriever	2/3/2017	11/11/2018		317		12/16/2018	Normal	Oma's Pride (raw), Raw (home prepared)	Oma's pride Turkey & veggies 33%; Oma's Pride Woof Chicken 33%; homemade raw beef, organ, tripe mixture 34%	Chicken eggs, canned mackerel	> 1 yr	No	Toppers added only occasionally (to a few meals per month)
Michael Dmytryk	Golden Retriever	10/28/2016	9/7/2018		260				Open Farm	Grain Free Chicken & Turkey	Chicken, eggs, canned dog food	6 mo - 1 yr	No	
Lehualani Concepcion	Labrador Retriever	7/2/2013	9/7/2018			24	10/27/2018	Equivocal	Open Farm	Whitefish and Green Lentil	Canned nature's logic, cooked beef/pork, venison.	6 mo - 1 yr	No	Equivocal echocardiogram, but ventricle size was high normal and EF was low normal. Recommend recheck in 6 months, as per cardiologist.
Lehualani Concepcion	Labrador Retriever	12/7/2008	9/7/2018			24	10/27/2018	Normal	Open Farm	Whitefish and Green Lentil	Nature's logic canned food, cooked beef/pork, venison	6 mo - 1 yr	No	
Stacey Elliott	Golden Retriever	11/2/2016	9/4/2018		330				Orijen	Tundra	Freeze dried Beef liver, bully sticks	> 1 yr	No	
Pansy Shimoid	Golden Retriever	2/20/2010	9/7/2018		300				Orijen	Senior Dog Diet	Homemade dehydrated chicken	> 1 yr	No	
Alice Slingerland	Standard Poodle	6/15/2012	9/10/2018		264				Orijen	100% Orijen Red Regional	@ 1/4 c canned dog food (no special variety) 2x/day	6 mo - 1 yr	No	Also got 1000mg fish oil daily plus variety of different treats often
Pat Dwyer	Australian Shepherd	4/18/2016	9/11/2018		269				Orijen	Original	Turkey and chicken thighs	> 1 yr	No	
Deborah Seline	Golden Retriever	1/18/2013	9/11/2018		315				Orijen	Tundra, Regional Red, Six Fish, Large Breed Puppy, Fit & Trim	frozen rabbit, venison, goat, beef, pheasant, duck, bison, fish, turkey, chicken, lamb; dehydrated turkey hearts and duck niblets; canned tuna, sardines, tripe	< 6 mo	No	Also supplement with salmon or pollack oils and FidoVite Powder. Also feed fresh vegetables and fruit. Bailey was on the wide variety of protein sources because she was pregnant and had whelped a litter of 9 pups. I was exposing the pups to a variety of protein sources when young. Normally she is on kibble with protein toppers with fresh fruits and veggies.

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**TAURINE TEST RESULTS - TABLE 2**

AFTER September 1, 2018  
 Golden Normal = Whole Blood is >250  
 Other Breed Normal = Whole Blood is >200  
 Plasma Normal = >70




= LOW Level <200  
 = MARGINAL Level for Golden Retrievers 200-250  
 = DCM or CHF w/o Low Taurine + Diet Related

Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Leigh Wolfe	Border Collie	1/20/2009	9/12/2018		222		10/3/2018	Normal	Orijen	Tundra	Wellness Turkey (canned) as a topper	> 1 yr	No	Orijen/Wellness fed for years until approx. 3 weeks prior to testing. She was put on Purina EN dry and canned at that time due to GI issues.
Leigh Wolfe	Australian Shepherd	7/5/2013	9/12/2018		232		9/24/2018	Normal	Orijen	Orijen Tundra dry (95%) w/scoop of Wellness (Beef) canned (5%) on top		> 1 yr	No	Orijen/Wellness fed for years until approx. 3 weeks prior to testing. He was put on Purina EN dry and canned at that time due to GI issues.
Leigh Wolfe	Border Collie/Spaniel mix	3/20/2009	9/12/2018		253		10/3/2018	Normal	Orijen	Orijen Tundra dry (95%) w/scoop of Wellness (Beef or Turkey) canned (5%) on top		> 1 yr	No	Orijen/Wellness fed for years until approx. 3 weeks prior to testing. She was put on Purina EN dry and canned at that time due to GI issues
Donna Kalnasy	Golden Retriever	9/20/2012	9/17/2018		273				Orijen	Original		> 1 yr	No	
Lori Mitchell	Rottweiler	11/7/2017	9/22/2018		536				Orijen	Orijen large breed puppy		6 mo - 1 yr	No	
Miriam Feldman	Golden Retriever	11/13/2914	9/26/2018		204		5/15/2018	Normal	Orijen	Tundra	organic lightly cooked ground turkey, wild caught sardines, organic vegs/fruits	> 1 yr	No	
Carolyn Haag	Golden Retriever	12/25/2013	10/2/2018		386		9/25/2018	Normal Heart with no valve leakage	Orijen	N/A		> 1 yr	No	This dog's name is Max, and he has also been given daily probiotics called Sunday Sundae mixed with pumpkin and Ultra Oil for Omega 3, 6,9 for skin. Max is from the same parents as my other dog, Jack, who was also submitted for this research. They are from different litters. Both dogs are intact.
Carolyn Haag	Golden Retriever	11/6/2012	10/2/2018		393		9/25/2018	Normal heart and no valve leakage	Orijen	N/A		> 1 yr	No	This dog's name is Jack, and he has also been given daily probiotics called Sunday Sundae mixed with pumpkin and Ultra Oil for Omega 3, 6,9 for skin. Jack is from the same parents as our other dog, Max, that I am submitting for this research. Both dogs are intact.
Earlena Hume	Golden Retriever	10/7/2013	10/9/2018		548	141			Orijen	Original		> 1 yr	No	
Earlena Hume	Golden Retriever	12/8/2017	10/9/2018		362	111			Orijen	Puppy Large Breed		6 mo - 1 yr	No	
Earlena Hume	Labrador Retriever	11/18/2008	10/9/2018		496	203			Orijen	Original		> 1 yr	No	
Denise Fell	Shetland Sheepdog	9/26/2014	10/17/2018		239				Orijen	Freeze-dried raw, Regional Red and Tundra	Freeze-dried liver training treats (daily), raw meaty beef bones (occasionally), cube of green tripe (3x/week)	> 1 yr	No	
Susan Kurz	Golden Retriever	4/20/2012	9/25/2018	RETEST	307		8/10/2018	normal	Orijen	Original and Six Fish		> 1 yr	No	
Sherry Palmer	Labrador Retriever	9/14/2012	12/10/2018		312		12/17/2018	Normal - noted murmur/leaky valve	Orijen	Regional Red		> 1 yr	No	This is Gunner Male Neutered
Karin Boullion	Golden Retriever	5/14/2012	10/9/2018		292				Orijen	75% Original 25% HK Limited Ingredient Turkey		< 6 mo	No	
Kathleen Brooks	Portuguese Water Dog	6/27/2008	11/26/2018		461				Orijen, Raw (home prepared)	Raw Prey Model and Stella & Chewy Dehydrated (Chicken)50%, Orijen Fish	Stella & Chewy Turkey toppers, chicken hearts, chicken eggs (cooked and raw with shell)	> 1 yr	No	
Diane Sloan	Goldendoodle	11/20/2011	10/25/2018		229		10/23/2018	murmur	Other	too many to list- Mixed in equal amounts	Liver, Honest Kitchen, Natures Variety	> 1 yr	No	Foods were always mixed. There is a huge list too many to mention some GF some not
Bernadine Visalli	American Cocker Spaniel	7/26/2014	9/18/2018			125	8/24/2018	Benign flow murmur	Performatrin Ultra	GF Ocean		> 1 yr	No	
Ann Greenbank	Golden Retriever	2/17/2018	9/11/2018		244	36			Performatrin Ultra, Raw (home prepared)	Ultra GF Puppy; Has been on Raw for the past month		< 6 mo	No	

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**TAURINE TEST RESULTS - TABLE 2**

AFTER September 1, 2018  
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 Plasma Normal = >70

 = LOW Level <200  
 = MARGINAL Level for Golden Retrievers 200-250  
 = DCM or CHF w/o Low Taurine + Diet Related

Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Jamie Ferguson	Lab/hound mix	1/1/2012	10/15/2018			152	11/2/2018	Normal	PetKind	Green Tripe and Lamb	Lamb, Venison, Turkey, Salmon	> 1 yr	No	
Karen Cobb	Briard	7/14/2009	9/26/2018		302				PetPlate	85% PetPlate Lamb & Sweet Potato or Chicken & Sweet Potato + Natural Balance Synergy	Mozzarella string cheese.	6 mo - 1 yr	No	
Suzi Macdonald	Golden Retriever	1/21/2017	9/10/2018		305				Precise Naturals	70% GF Lamb Meal, 30% Lamb Meal & Rice Sensicare	Zignature Canned GF -- rotation of flavors, but no chicken due to other dog's allergy	6 mo - 1 yr	No	Was exclusively fed Grandma Mae's Country Naturals Puppy Entree kibble until he turned a year old in 1/18
Suzi Macdonald	Golden Retriever	3/31/2014	9/10/2018		225		9/18/2018	Normal	Precise Naturals	70% GF Lamb Meal, 30% Lamb Meal & Rice Sensicare	Zignature Canned GF -- rotation of flavors, but no chicken due to allergy	> 1 yr	No	
Julie Tirinanzi	Golden Retriever	5/8/2012	9/10/2018		244		9/26/2018	Abnormal tricuspid valve	Primal (raw)	rotated beef, turkey, pork and chicken	treats: freeze dried meats, liver, beef, chicken, rabbit	6 mo - 1 yr	No	No DCM
Julie Tirinanzi	Golden Retriever	11/22/2016	9/24/2018		281				Primal (raw)	rotated Primal mix, turkey, beef chicken turkey, pork	treats: freeze dried meats, liver, beef, chicken, turkey	6 mo - 1 yr	No	
Kathy Whitehead	Golden Retriever	2/16/2016	9/26/2018		250		9/1/2018	Normal	Primal (raw), Ziwipeak	Primal raw frozen beef, lamb 50% and Ziwipeak beef, lamb and mackerel 50%	Beef hearts, sardines, eggs, beef liver, raw beef	6 mo - 1 yr	No	
Katgy Whitehead	Golden Retriever	7/6/2007	9/26/2018		314				Primal (raw), Ziwipeak	50% Primal lamb or beef, 50% Ziwipeak lamb and mackerel or beef	Raw beef, sardines, eggs, chicken, beef hearts, liver	> 1 yr	No	
Sherry Paterson	Golden Retriever	5/5/2005	9/9/2018		378				Pure Balance Grain Free	Wild & Free Salmon and Pea		6 mo - 1 yr	No	
Kathleen Dammert	Golden Retriever	7/30/2014	9/4/2018		216		10/30/2018	Normal	PureVita	Venison and Lentil	alternating eggs, cottage cheese, yogurt (AM meal) and sardines, chicken, salmon, beef, turkey, venison, and/or variety of Merrick canned (PM meal)	> 1 yr	No	He has a rotation of organic pasture raised eggs, organic cottage cheese, or organic yogurt with morning kibble. A rotation of organic chicken, turkey, or beef, wild salmon, or 1/4 cup of Merrick Turducken, Wilderness Blend or Wellness Beef & Venison, Turkey, or Salmon & Venison with evening kibble
Katy Huston	Labrador retriever	10/30/2015	9/5/2018		278				PureVita	Duck & Green Lentil GF		< 6 mo	No	
Ellen Davis	Golden Retriever	6/14/2016	9/17/2018		264				PureVita	Beef and Red Lentil GF		> 1 yr	No	
S. Mondon	Golden Retriever	8/1/2010	9/26/2018		306				PureVita	Chicken & Brown Rice		> 1 yr	No	
Gina Sena	Golden Retriever	9/7/2014	9/4/2018		240				Purina	Pro Plan Sensitive Skin and Stomach (Salmon)	Eggs 2 - 3 times per week	6 mo - 1 yr	No	
Gina Sena	Golden Retriever Mix	1/1/2016	9/4/2018		250				Purina	Pro Plan Sensitive Skin & Stomach (Salmon)	Egg 2 - 3 times per week	6 mo - 1 yr	No	
Mellissa Voll-Stouffer	Golden Retriever	1/30/2016	9/9/2018		223				Purina	Proplan sport 26/16 all life stages	Chicken hearts and eggs	> 1 yr	No	
Mellissa Voll-Stouffer	Golden Retriever	9/4/2011	9/9/2018		231				Purina	Proplan sport all lifestages salmon and rice	Chicken hearts	> 1 yr	No	
Mellissa Voll-Stouffer	Golden Retriever	3/8/2008	9/9/2018		282				Purina	Proplan sport 26/16 all life stages	Chicken hearts	> 1 yr	No	
Karen Reside	Golden Retriever	8/28/2014	9/11/2018		207		10/13/2018	Normal	Purina	Proplan Focus Large Breed Chicken		> 1 yr	No	Update to original posting for Echo results



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Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Lisa Stumpf	Golden Retriever	9/19/2017	9/14/2018		244				Purina	ProPlan Sport Performance 30/20 & Performance Salmon 30/20	Training treats, including freeze dired lamb lung and beef liver plus left-over proteins (people food, chicken, steak, etc.)	6 mo - 1 yr	No	
Lora DeGraffenreid	Medium Poodle-Kiaya	1/27/2014	9/17/2018		261				Purina	ProPlan Sport 30/20	< 6 mo	< 6 mo	No	Fed Farmina Ancestral Grains (rotated chicken and lamb) for most of 2018. Switched to ProPlan Sport 30/20 (salmon first, then chicken) in August 2018. Food toppers and FortiFlora were started in August 2018.
Lora DeGraffenreid	Medium Poodle-Waverly	5/6/2017	9/17/2018		330				Purina	ProPlan Sport 30/20	Freeze dried or canned food toppers, NuVet, FortiFlora, occasional eggs and treats	< 6 mo	No	Fed Farmina Ancestral Grains (rotated chicken and lamb) for most of 2018. Switched to ProPlan Sport 30/20 (salmon first, then chicken) in August 2018. Food toppers and FortiFlora were started in August 2018.
Lora DeGraffenreid	Medium Poodle-Breezy	1/1/2015	9/17/2018		290				Purina	ProPlan Sport 30/20	Freeze dried or canned food toppers, NuVet, FortiFlora, occasional eggs and treats	< 6 mo	No	Fed Farmina Ancestral Grains (rotated chicken and lamb) for most of 2018. Switched to ProPlan Sport 30/20 (salmon first, then chicken) in August 2018. Food toppers and FortiFlora were started in August 2018.
Deb Strickland	Golden Retriever	1/8/2013	9/17/2018		314		9/23/2018	Benign Flow Murmur, present since puppy	Purina	Savor Lamb & Rice		6 mo - 1 yr	No	
Deb Strickland	Golden Retriever	3/20/2017	9/17/2018		252				Purina	Savor Lamb & Rice		6 mo - 1 yr	No	
Andrea Fiske	Golden Retriever	1/23/2011	9/18/2018		324				Purina	Professional Sport. 30/20 Chicken		> 1 yr	No	
Susan Quinn	Golden Retriever	11/27/2013	9/20/2018		256				Purina	Pro Plan Sport All Life Stages Performance 30/20 Salmon		6 mo - 1 yr	No	
Susan Quinn	Golden Retriever	10/24/2008	9/20/2018		311				Purina	Pro Plan Sport All Life Stages Performance 30/20 Salmon		6 mo - 1 yr	No	
Marsha Pfluger	Goldendoodle	8/14/2017	9/25/2018		248				Purina	ProPlan Lamb and Rice	venison	> 1 yr	No	Was on Hills Science Diet Puppy until August 2018 and was then switched to PPP Lamb & Rice.
Mari Horita	Golden Retriever	10/26/2015	10/1/2018		246		10/27/2018	Normal	Purina	PPP Salmon Sensitive Skin & Stomach	0 can sardines & 1 boiled egg per week	< 6 mo	No	RETEST - fed RCGR for 3 weeks after 1st test then switched to PPP SSSS. Treats - cooked hamburger, chicken breast & hearts, Ziwi Peak beef, goat cheese treats
Ruth Wylie	Golden Retriever	6/13/2017	10/3/2018		291	106			Purina	Sport Chicke & Rice - 26/16		> 1 yr	No	
Barb Gibson	Golden Retriever	3/10/2007	10/4/2018		331	80	10/4/2018	Normal	Purina	Sensitive Skin and Stomach Salmon	PPP SSS wet food tiny amount	> 1 yr	No	
Lesley Albin	Golden Retriever	8/25/2009	10/4/2018		266	112			Purina	Purina Pro Plan Bright Mind Adult 7+ Large Breed		> 1 yr	No	
Ruth Wylie	Golden Retriever	12/5/2016	10/5/2018		407	97			Purina	Sport Chicken & Rice 26/16		> 1 yr	No	
Susan Barrick	Golden Retriever	2/24/2014	10/5/2018		354	75	10/5/2018	Normal	Purina	Pro Plan Chicken 30/20		< 6 mo	No	Pro plan 3 mos. Rotation prior-raw, nature's logic, canine caviar, sport dog food, acana
Ruth Wylie	Golden Retriever	9/12/2009	10/6/2018		334		10/6/2018	Normal	Purina	Sport Chicken & Rice 26/16		> 1 yr	No	
Laurie Cantone/Karen & Al Baiocchi	Golden Retriever	5/25/2016	10/6/2018		223	99			Purina	ProPlan Lamb & Rice		6 mo - 1 yr	No	Prior was on Blue Buffalo Freedom Lamb & Rice for about 5 months.
Kathy Guerra	Toller	6/16/2015	10/9/2018		240				Purina	PP 30/20		6 mo - 1 yr	No	
Carolyn Unger	Golden Retriever	5/23/2011	10/9/2018		233	55	11/21/2018	Normal	Purina	OM Select	Ground cooked turkey	> 1 yr	No	
Jacqueline Larem	Border Collie mix	1/1/2014	10/15/2018		353				Purina	Pro Plan Sport 30/20		> 1 yr	No	

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Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Meghan Brooks	Golden Retriever Mix	5/1/2008	10/16/2018		302				Purina	HA		> 1 yr	No	
Meghan Brooks	Australian Shepherd	10/3/2010	10/16/2018		278				Purina	HA		> 1 yr	No	
Annie St.Clair	Doberman	3/27/2014	10/23/2018		384		7/16/2017	Normal / FS 29.1%	Purina	Pro Plan Sport 30/20		6 mo - 1 yr	Yes	Vetri-Science Cardio Strength
Annie St.Clair	Doberman	1/11/2017	10/23/2018		218		5/9/2018	05/09/2018 - Normal FS 31.2% Innocent Murmur	Purina	Pro Plan Sport 30/20		6 mo - 1 yr	Yes	VetriScience Vetri-Cardio
Courtney Roxby	Golden Retriever	1/3/2015	10/24/2018		339	117			Purina	Pro Plan Sensitive Skin and Stomach		> 1 yr	No	
Lesley Albin	Golden Retriever	5/7/2013	10/31/2018		285	110			Purina	Pro Plan Sport All Life Stages Performance 30/20		> 1 yr	No	
Evalena Pakuris	Golden Retriever	12/3/2015	10/31/2018		201	84	11/1/2018	Normal	Purina	Pro Plan Sport 30/20		> 1 yr	No	
Keri Schouten	Golden Retriever	7/27/2017	11/11/2018		265				Purina	Purina Pro Plan Veterinary Diets HA Hydrolyzed Formula Chicken Flavor	Royal Canin Hydrolyzed treats	< 6 mo	No	
Catherine Pennington	Golden Retriever	6/27/2015	11/7/2018	RETEST	288		11/13/2018	Normal	Purina	Purina Pro Plan Sensitive Skin and Stomach		< 6 mo	No	This is a <b>RETEST</b> after diet was changed to PPP SSS 4 mos. ago. Previously on SportDogFood Elite Whitefish (GF & PF) for 5 mos. with whole blood Taurine 261 (UCDavis) on 7/2/18. Prior to that, original diet for 2 yrs. was TOTW Pacific Stream (Salmon-GF) and whole blood Taurine 314 at UCDavis on 8/4/17. Purina FortiFlora added with all 3 diets.
Susan Breech	Golden Retriever	4/14/2012	11/13/2018	RETEST	264		11/13/2018	Normal	Purina	ProPlan Sport 30/20	Chicken hearts, eggs	< 6 mo	No	One raw egg in am, 3-4 raw chicken hearts in pm
Suzanne Ramakrishnan	Golden Retriever	5/30/2013	12/20/2018	RETEST	416	466	9/12/2018	Normal	Purina	ProPlan 30/20 Sport		< 6 mo	Yes	Echo showed heart barely enlarged, cardiologist said could be due to athletic heart but didn't think it was DCM, started supplements just to be safe
Megan Nelson	English Springer Spaniel	8/11/2017	9/27/2018		337				Purina, Merrick, Sojo's	PP Sport Turkey & Barley 27/17, Merrick Classic Beef, Sojos Base Mix with Egg		< 6 mo	No	Transitioned to Pro Plan Sport about 1 month before test; was eating both foods at time of blood draw.
Michael Lappin	Golden Retriever	12/25/2005	9/14/2018		203				Purina, Science Diet (Hills)	Science Diet Lite Maintenance, Purina Vet Diet OM		> 1 yr	No	
Christy Thomas	Golden Retriever	8/19/2010	9/5/2018		302		9/20/2018	Normal	Purina, Sport Dog Food	Sportdog Turkey (Grain Free)/Purina Sensitive Skin/Stomach	Primal Frozen Raw Turkey/Sardine (only for a short time about 4 months ago)	< 6 mo	No	On Sportdog Fish (old formula) for 2 years prior to switching to Sportdog Turkey after their recipe changes
Tracey Herbeck	Rottweiler	5/7/2016	9/1/2018		379				Rachael Ray	Nutrish	hamburger & chicken, milkbones	> 1 yr	No	
Christopher Donaldson	Golden Retriever	5/7/2017	11/19/2018		253				Rachael Ray	Nutrish Zero Grain Natural Turkey & Potato		6 mo - 1 yr	No	
Kimberly Peri	Golden Retriever	3/2/2011	11/27/2018		309				Raw (home prepared)	Chicken, Turkey, Beef, Pork, Sardines, Salmon, Mackerel and Organ meats (See Comments)		> 1 yr	No	I feed a rotation of fresh whole meats such as chicken, turkey, beef, pork, sardines, canned salmon, canned mackerel with organ meats and fresh veggies and fruits including bananas, apples, zucchini, cucumbers, broccoli, squashes, sweet potatoes, califlower and various lettuces
Catharine Gross	Golden Retriever	7/4/2016	9/5/2018		285				Raw (home prepared)	Chicken/turkey/beef/tripe /offal/chicken feet/herring oil - no veggies		> 1 yr	No	
Denise McGill	Golden Retriever	4/15/2013	9/9/2018		196				Raw (home prepared)	70% beef; 30% is split between turkey, salmon, and chicken	Beef, turkey, yogurt	> 1 yr	No	

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Denise McGill	Golden Retriever	1/30/2016	9/9/2018		191				Raw (home prepared)	70% beef; 30% is split between turkey, salmon, and chicken	Yogurt, beef, turkey	> 1 yr	No	
Denise McGill	Golden Retriever	3/18/2015	9/9/2018		185				Raw (home prepared)	70% beef; 30% is split between turkey, salmon, and chicken	Beef, yogurt, turkey	> 1 yr	No	
Marcy Kronz	Golden Retriever	5/4/2012	9/9/2018		240				Raw (home prepared)	Human grade raw meat		> 1 yr	No	
Marcy Kronz	Golden Retriever	3/18/2015	9/9/2018		236		5/29/2017	Normal	Raw (home prepared)	Human grade meat		> 1 yr	No	
Marcy Kronz	Golden Retriever	9/14/2018	9/9/2018		226		9/27/2017	Normal	Raw (home prepared)	Raw meat		> 1 yr	No	
Melissa Jarvis	Golden Retriever	6/16/2010	9/9/2018				9/30/2018	Normal	Raw (home prepared)	Raw		> 1 yr	No	UPDATE ECHO INFO
Melissa Jarvis	Golden Retriever	4/15/2013	9/9/2018				9/30/2018	Normal	Raw (home prepared)	Raw		> 1 yr	No	Update Echo Normal
Amy Rolph	Golden Retriever	12/6/2016	9/10/2018		252				Raw (home prepared)	70% meat& bone and 30% organ meat, tripe, vegetables	eggs, sardines, chicken, pumpkin puree, e-barf plus, probiotics, glycoflex, ultra oil	> 1 yr	No	55 pound batches: 70% meat& bone and 30% organ meat/muscle meat/tripe/vegetables and dozen eggs and pint blueberries and cup of apple cider vinegar with mothers
Renee J. Olson	Labradore Retriever	4/1/2009	9/12/2018		138				Raw (home prepared)	Beef, pork, turkey, venison, chicken, lamb, rabbit	Organ meat, meaty bone, bone broth	> 1 yr	No	Vegtables were added as well
Irina Smith	Golden Retriever	11/7/2015	10/24/2018		311	95	9/28/2017	Normal	Raw (home prepared)	Venison, chicken, heart, liver, vegetables, fruits		> 1 yr	No	
Sharal Scheve	Golden Retriever	10/13/2013	10/29/2018		192		11/30/2018	Clear	Raw (home prepared)	Homemade	heart, eggs, salmon, sardines, gizzards	> 1 yr	No	Cardiologist recommended continuing to switch to RC Golden Retriever which I started after Taurine result with Taurine supplement
Michele Ferro	Golden Retriever	11/30/2012	11/16/2018		269				Raw (home prepared)	Beef, pork, chicken, turkey	Chicken hearts, chicken eggs, sardines	> 1 yr	No	
Michele Ferro	Golden Retriever	12/20/2014	11/16/2018		238		12/7/2018	Normal	Raw (home prepared)	Beef, pork, chicken, turkey	Chicken hearts, chicken eggs, sardines	> 1 yr	No	No DCM, but heart function is on the low side of normal. Will retest taurine in 3 mo and echo in a year.
Stephanie Rudderow	Cane Corso	1/26/2016	11/15/2018		263		10/19/2018	Normal	Raw (home prepared)	Home Prepared Raw (80/10/5/5%)		< 6 mo	No	
Julie Baker	Golden Retriever	2/4/2014	5/22/2018		251		12/3/2018	Normal	Raw (home prepared), Asgard Raw	Turkey/organ mix 25%, Chicken/organ Mix 25%, Rabbit/organ mix 25%, Beef/organ mix 25%	Chicken Eggs, Sardines	> 1 yr	No	Raw mix is supplemented with mineral mix from Dr. Karen Becker, which has a small amt of taurine included
Marcy Kronz	Golden Retriever	3/18/2010	9/9/2018		159				Raw (home prepared), Home Cooked	Human grade meat	Occasional egg	< 6 mo	No	
Rose Ann Porucznik	Golden Retriever	5/17/2013	10/6/2018		512	104			Raw (home prepared), Primal (raw)	beef, pork, chicken		6 mo - 1 yr	No	
Melissa Jarvis	Golden Retriever	6/16/2010	9/9/2018		196				Raw (home prepared), Titan (raw)	See Comments	Chicken eggs 1-2x/mo	> 1 yr	No	Rotation whole bone in turkey, Titan Blue complete blend, tongue-heart-tripe mix, bone in salmon
Melissa Jarvis	Golden Retriever	4/15/2013	9/9/2018		221				Raw (home prepared), Titan (raw)	See Comments		> 1 yr	No	Rotation whole bone in turkey, Titan Blue complete blend, tongue-heart-tripe mix, bone in salmon
Emily Paterson	Golden Retriever	11/21/2017	9/9/2018		237				Raw (home prepared), Titan (raw)	See Comments		6 mo - 1 yr	No	Rotation whole bone in turkey, Titan Blue complete blend, tongue-heart-tripe mix, bone in salmon
Sandra (Martel) Dent	Golden Retriever	9/11/2015	10/15/2018		326		12/18/2018	Normal	Regal Sensi-Bites	Adult Bites /Sensi Bites	Stella and Chewy's Super Beef Patties	6 mo - 1 yr	No	
Debbie Wilson	Golden Retriever	3/22/2011	9/26/2018		348				Ross Wells Raw, G and C Raw	RW: whole turkey grind, beef 85/15 bone G&C: turkey70/15 and beef 85/15 bones w/organs	alternating organs with beef or turkey liver, beef or turkey hearts and sardines added daily. All treats are home or store dehydrated proteins	> 1 yr	No	Raw for last 3 yrs. Prior to raw was fed Natures Logic Sardine 2 yrs and Earthborn prior . I will be scheduling an echo soon.
Barnabas Collins	GSD x Husky	7/2/2010	9/12/2018		430	164			Royal Canin	Selected protein PW moderate calorie		> 1 yr	No	

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 = DCM or CHF w/o Low Taurine + Diet Related

Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Renee Wampler	Golden Retriever	8/7/2013	9/20/2018		272		9/20/2018	Normal	Royal Canin	Golden Retriever		> 1 yr	No	The Royal Canin Golden Retriever food has taurine added
James H. Cohen	Golden Retriever	8/7/2017	9/25/2018		307				Royal Canin	Golden Retriever Puppy	Extra virgin cold pressed salmon oil	> 1 yr	No	
James H. Cohen	Golden Retriever	3/12/2014	9/25/2018		350				Royal Canin	Golden Retriever Adult	Extra virgin cold pressed salmon oil	> 1 yr	No	
James H. Cohen	Golden Retriever	9/4/2007	9/25/2018		396				Royal Canin	Golden Retriever Adult	Extra virgin cold pressed salmon oil	> 1 yr	No	
Betsy Brownfield	Golden Retriever	5/15/2013	9/26/2018		298				Royal Canin	ERROR No Formula	Chicken, Ground Beef and Sardines	< 6 mo	No	Jake had been on GF for many years before switching to RC GR. He ate Wellness Core and Nature's Domain Turkey and Sweet Potato.
Mary Archbell	Golden Retriever	5/18/2014	9/27/2018		329				Royal Canin	Golden Retriever Adult	salmon, mackerel, sardines	> 1 yr	No	salmon oil on food also
Debra Nye	Golden Retriever	10/31/2011	9/28/2018		425		9/10/2018	Normal	Royal Canin	Golden Retriever Formula	cooked lean beef, chicken gizzards, eggs, sardines	< 6 mo	No	Prior to feeding RCGR, two years on various kibble: Castor & Pollux Pristine and Ultramix Salmon, Merrick Tx Beef & Sweet Potato, Farminga Lamb w/Ancient Grains.
Jennifer Grossnickle	Golden Retriever	8/3/2012	9/28/2018		248				Royal Canin	Maxi Adult	chicken eggs	> 1 yr	No	
Jennifer Grossnickle	Golden Retriever	3/1/2014	9/28/2018		269				Royal Canin	Maxi Adult	chicken eggs	> 1 yr	No	
Jennifer Grossnickle	Golden Retriever	9/22/2014	9/28/2018		292				Royal Canin	Maxi Adult	Chicken eggs	> 1 yr	No	
Rebecca DeWire	Mix beagle / lab	9/6/2005	10/1/2018			188			Royal Canin	Rx Veterinary Diet Hepatic		6 mo - 1 yr	No	Dr. Tim's Kinesis All Life Stages for many years before Rx Food.
Kathy Hackmann	Golden Retriever	9/15/2010	10/5/2018		221	82			Royal Canin	Large/Maxi		6 mo - 1 yr	No	
Kathy Hackmann	Golden Retriever	5/5/2014	10/5/2018		325	115			Royal Canin	Gastrointestinal Low Fat	Cooked Chicken, Baked Science Diet I/D canned dog food pieces	6 mo - 1 yr	No	
Kathy Hackmann	Golden Retriever	6/27/2016	10/5/2018		327	119			Royal Canin	Large/Maxi		6 mo - 1 yr	No	
Kathy Guerra	Golden Retriever	1/14/2010	10/9/2018		289				Royal Canin	RC Golden Retriever		> 1 yr	No	
Kim Skibbe	Lab/Shepherd mix	9/11/2004	10/21/2018		340				Royal Canin	Mobility Support Large Breed		> 1 yr	No	
Gail Timmins	Golden Retriever	12/3/2017	10/21/2018		358				Royal Canin	Chicken	Primal Pronto Raw Chicken or Beef (small amount given)	> 1 yr	No	
Diane Mayland	Golden Retriever	11/10/2009	10/8/2018	RETEST	328	82			Royal Canin	Golden Retriever Formula		< 6 mo	No	RETEST (Changed to Royal Canin Golden Retriever for 1 month)
Diane Mayland	Golden Retriever	7/27/2011	10/8/2018	RETEST	396	99			Royal Canin	Golden Retriever Formula		< 6 mo	No	RETEST (On Royal Canin for 1 month prior to retest)
James H. Cohen	Golden Retriever	8/1/2016	9/25/2018	RETEST	401				Royal Canin	Golden Retriever Adult	Extra virgin cold pressed salmon oil	> 1 yr	No	
Pat Fay	Standard Poodle	1/30/2017	10/9/2018	RETEST	366	217	6/25/2018	DCM	Royal Canin	RC Early Cardiac		< 6 mo	Yes	RETEST - Taurine is now normal. She was on <u>Acana Singles Lamb and Apple when she was first diagnosed with DCM</u> . Her Plasma was 59. The retest was after she was on Royal Canin Early Cardiac Prescription Diet.
Marla Fields	Golden Retriever	9/11/2010	11/11/2018		263				Royal Canin	Maxi Adult	occasional sardines and left over meats	> 1 yr	No	
Marla Fields	Golden Retriever	6/15/2017	11/11/2018		395				Royal Canin	Maxi Adult	occasional sardines and left over meats	< 6 mo	No	was fed RCGR Puppy until 1 year old then switched to RC Maxi Adult
Stephanie Ensley	Golden Retriever	5/22/2012	10/15/2018		452				Royal Canin	royal canin skin support fish		> 1 yr	No	
melissa freeman	Golden Retriever	5/7/2016	10/15/2018		491				Royal Canin	skin support fish		> 1 yr	No	
Marlene A Johnson	Anatolian Shepherd Dog	12/14/2007	10/29/2018		312				Royal Canin	Hydrolyzed Protein moderate calorie		6 mo - 1 yr	No	I have been using Royal Canin hydrolyzed treats and Royal Canin Digestive Care kibble also for treats
Jeanine Stark	Golden Retriever	2/20/2016	10/18/2018	RETEST	356		10/18/2018	Normal	Royal Canin, Merrick	chicken and sweet potato then 6 weeks prior to test RCGR		< 6 mo	Yes	RETEST Physiologic flow murmur on echo

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Jeanine Stark	Golden Retriever	6/3/2015	10/2/2018	RETEST	319		10/18/2018	Normal	Royal Canin, Merrick	chicken and sweet potato then 6 weeks prior to test RCGR		< 6 mo	Yes	RETEST
Sharon Platt	Golden Retriever	5/14/2013	10/10/2018		440				Royal Canin, Raw (home prepared)	RC with some Raw	chicken and beef hearts, eggs always	> 1 yr	No	
Marla Fields	Golden Retriever	2/14/2016	11/11/2018		302				Royal Canin, Victor	Maxi Adult 50% and Victor Hi Pro Plus 50%	occasional sardines and left over meats	> 1 yr	No	
Carrie Kozar	Mixed breed from Grenada	3/1/2011	10/10/2018		276				Science Diet (Hills)	D/D potato and salmon		> 1 yr	No	not clinical for heart murmur
Christine Bongiorno	Golden Retriever	6/13/2008	10/30/2018		271				Science Diet (Hills)	J/d		6 mo - 1 yr	No	
Christine Bongiorno	Shetland Sheepdog	4/11/2007	10/30/2018		430				Science Diet (Hills)	J/d		6 mo - 1 yr	No	
Melissa Freeman	Golden Retriever	6/16/2014	10/15/2018		272				Science Diet (Hills)	Advanced fitness chickent		> 1 yr	No	
Paul Katen	Dachshund Mix	7/1/2008	10/14/2018		295				Science Diet (Hills), Taste of the Wild	70% TOTW Pacific Stream GF, 30% Canned SD Adult		> 1 yr	No	
Terri Krutz	Golden Retriever	12/13/2009	9/7/2018		293				Science Diet (Hills), Vital Essentials (raw)	65% Hills k/d kibble, 35% Vital Essentials raw	Eggs 2x week	6 mo - 1 yr	No	
Rose Miller	Golden Retriever	9/19/2016	10/5/2018		390		10/4/2018	Normal	Small Batch, Columbia River Natural, Steve's Northwest Natural, Happy Tails (raw)	Turkey	Turkey hearts	> 1 yr	No	
Martha Gonzalez	Golden Retriever	5/10/2014	9/25/2017	RETEST	128		10/10/2017	Normal	Sojo's, Honest Kitchen	Solos Turkey 50% HK Chicken Grain Free	raw ground turkey, gizzards/hearts, sardines, raw goat's milk, eggs	< 6 mo	No	RETEST
Tami Walton	Golden Retriever	3/4/2012	9/24/2018		196		10/15/2018	DCM	Solid Gold	Wolf King	Eggs, yogurt	> 1 yr	No	
Jill DeVol	Dalmatian	7/16/2016	12/10/2018		280				Solid Gold	Sundancer Grain Free Chicken until 12/7, switched to PPP Focus 3 days prior to testing		> 1 yr	No	Echoes pending
Jill DeVol	Dalmatian	7/17/2014	12/10/2018		261				Solid Gold	Sundancer Grain free chicken until 12/7, switched to PPP focus 3 days prior to testing.		> 1 yr	No	Echo pending
Allison Camper Ostenberg	Rottweiler	11/10/2017	9/25/2018		369				Sport Dog Food	SportDog Food Elite 2.0-Working Dog- GF Turkey Formula		< 6 mo	No	4 months SDF Working Dog, 7 months prior SDF Elite GF Chicken Meal
Allison Camper Ostenberg	Rottweiler	5/6/2017	9/25/2018		332				Sport Dog Food	SportDog Food Elite 2.0-Working Dog- GF Turkey Formula		< 6 mo	No	4 months SDF Working Dog, 7 months prior SDF Elite GF Chicken Meal
Allison Camper Ostenberg	Rottweiler	4/22/2013	9/25/2018		286				Sport Dog Food	SportDog Food Elite 2.0-Working Dog- GF Turkey Formula		< 6 mo	No	4 months SDF Working Dog, 7 months prior SDF Elite GF Chicken Meal
Allison Camper Ostenberg	Rottweiler	7/1/2014	9/25/2018		329				Sport Dog Food	SportDog Food Elite 2.0-Working Dog- GF Turkey Formula		< 6 mo	No	4 months SDF Working Dog, 7 months prior SDF Elite GF Chicken Meal
Allison Camper Ostenberg	Rottweiler	11/15/2015	9/25/2018		367				Sport Dog Food	SportDog Food Elite 2.0-Working Dog- GF Turkey Formula		< 6 mo	No	4 months SDF Working Dog, 7 months prior SDF Elite GF Chicken Meal
Allison Camper Ostenberg	Rottweiler	8/5/2016	9/25/2018		298				Sport Dog Food	SportDog Food Elite 2.0-Working Dog- GF Turkey Formula		< 6 mo	No	4 months SDF Working Dog, 7 months prior SDF Elite GF Chicken Meal

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Thomas Kirinsky	Golden Retriever	2/4/2017	10/13/2018		288				Sport Dog Food	Elite 2.0 Whitefish	Hokamix 30 in the AM and Salmon oil PM	< 6 mo	No	
Diane Hamblin	Golden Retriever	3/21/2015	11/8/2018		204	79			Stella & Chewy's (raw)	Beef Patties	cooked pork, cooked beef	> 1 yr	No	
Diane Hamblin	Golden Retriever	3/21/2015	11/8/2018		322	121			Stella & Chewy's (raw)	Beef Patties	cooked pork, cooked chicken, string cheese	> 1 yr	No	
Gloria Morris	Portuguese Water Dog	7/24/2013	11/28/2018		196		11/17/2018	Mild Systolic Dysfunction	Stella & Chewy's (raw)	Beef	Grilled Chicken Breast, Origen Six Fish Treats, String Cheese, Beef Hot Dogs	6 mo - 1 yr	No	
Darleen Newlin	Golden Retriever	4/19/2017	9/14/2018		241		9/20/2018	Normal	Stella & Chewy's Raw Blend Kibble	75% kibble 25% Honest Kitchen	Tru Dog boost me	6 mo - 1 yr	No	
Kathleen M. Rosenberger	Keeshond	3/30/2010	11/28/2018		228				Stella & Chewy's Raw Blend Kibble, Castor & Pollux Organix	Cage Free Chicken(50%) /Organic Chicken and Oatmeal(25%)	Stella and Chewy's Freeze Dried Raw Chicken Patties(approx. 25% of total diet); also on Missing Link for Skin and Coat supplement	6 mo - 1 yr	No	Have since changed diet back to grain-inclusive kibble (Bil-Jac and NutriSource), and continuing to feed the Freeze Dried Raw patties and Missing Link. Had been on Bil-Jac with different varieties of ProPlan for most of his life.
Sally Hayden	Cardigan Welsh Corgi	8/17/2011	9/5/2018		157				Taste of the Wild	Grain free High Sierra	Canned food, boiled eggs, sardines	> 1 yr	No	
Sally Hayden	Cardigan Welsh Corgi	10/5/2009	9/5/2018		209				Taste of the Wild	High Sierra	Canned food , boiled egg, sardines	> 1 yr	No	
Katherine Cleaver	GSD	10/28/2011	9/7/2018		262				Taste of the Wild	All TOW formulas rotated	cooked chicken, beef, pork	> 1 yr	No	on TOW for over 6 years
Gwyn Wright	Golden Retriever	9/3/2011	9/16/2018		352				Taste of the Wild	Prairie Blend		> 1 yr	No	
Gwyn Wright	Golden Retriever	9/3/2011	9/16/2018		367				Taste of the Wild	Prairie Blend		> 1 yr	No	
Liz Lane	Golden Retriever	4/23/2013	9/17/2018		244				Taste of the Wild	Pacific stream -47%; Bison-GF %48	5% of diet ProPlan Veterinary Diet	> 1 yr	No	Proplan veterinary diet 5% of diet
Leona Messink	Golden Retriever	11/22/2011	9/17/2018		292	115	9/21/2018	Normal	Taste of the Wild	Pacific Stream	Green Beans	> 1 yr	No	
Laurie Ingram	Golden Retriever	12/25/2009	9/17/2018		315		10/2/2018	Normal	Taste of the Wild	Wetlands GF		> 1 yr	No	
Ellen Hauerwas-Williams	Australian Shepherd	7/17/2014	9/18/2018		142		10/13/2018	LV dialation	Taste of the Wild	50% High Prairie Adult 50% Pine Forest	Freez dried beef liver treats, bone broth	6 mo - 1 yr	No	
Belinda Devine Hinton	Goldendoodle	5/22/2016	9/19/2018		248				Taste of the Wild	High Prairie Grain Free		6 mo - 1 yr	No	
Angie Starbuck	Golden Retriever	2/7/2016	9/24/2018		213				Taste of the Wild	High Prairie GF (Bison/Venison)		6 mo - 1 yr	No	
Michelle Little	Golden Retriever	9/20/2011	9/24/2018		311		10/16/2018	Normal	Taste of the Wild	Pine Forest		> 1 yr	No	
Sue Hatcher	Golden Retriever	6/12/2014	9/25/2018		245		11/1/2018	Normal	Taste of the Wild	Wetlands	Chicken necks and eggs twice a week.	> 1 yr	No	Commercially prepared frozen raw breakfast 70% meat/bone, 20% veg, 10% organ meat; kibble dinner.
Shawn H Maskel	Lab Mix	12/6/2009	10/5/2018		273				Taste of the Wild	High Prairie		> 1 yr	No	
Jacqueline Bennett	English Bulldog	4/5/2016	10/8/2018		360				Taste of the Wild	High Prairie GF		6 mo - 1 yr	No	
David Frank	Labrador	3/28/2008	10/16/2018		286				Taste of the Wild	High Plains Grain Free		> 1 yr	No	
Elizabeth Fougere	Golden Retriever	6/16/2013	10/24/2018		298				Taste of the Wild	Pacific Stream	Eggs	< 6 mo	No	Murray was on TOTW only for 3 months.in an effort to determine allergies.previous to that he was on Natural Balance Lamb andBrown Rice for 4 years
Shannon Forbes	Lab mix	6/6/2006	10/26/2018		360				Taste of the Wild	Pacific stream (gf)		> 1 yr	No	
Lori Steck	Golden Retriever	8/8/2009	10/9/2018		355				Taste of the Wild	Venison and Bison		> 1 yr	No	
Lori Steck	Golden Retriever	8/15/2014	10/9/2018		341				Taste of the Wild	Venison and Bison		> 1 yr	No	

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Rashele Putra	Golden Retriever	11/15/2016	11/19/2018		198		11/19/2018	DCM	Taste of the Wild	Taste Of The Wild Grain Free High Protein Dry Dog Food High Prairie Adult - Venison & Bison		> 1 yr	No	
Sue Hatcher	Welsh Springer Spaniel	6/3/2010	9/25/2018		280				Taste of the Wild	Wetlands	Chicken necks and eggs twice a week for breakfast.	> 1 yr	No	Commercially prepared frozen raw breakfast 70% meat/bone, 20% veg, 10% organ meat; kibble dinner.
Herb Rokusek	Irish Setter	3/30/2012	12/18/2018		373				Taste of the Wild	Pacific Stream	Grated cheese / salmon oil/RC orig treats	< 6 mo	No	Grated cheese n RC treats for 4-5 years
Herb Rokusek	Irish Setter	10/13/2012	12/18/2018		307				Taste of the Wild	Pacific stream	Grated cheese/Salmon Oil/RC Orig Treats	< 6 mo	No	Grated cheese and RC treats last 5 years
Herb Rokusek	Irish Setter	10/13/2012	12/18/2018		307				Taste of the Wild	Pacific stream	Grated cheese/Salmon Oil/RC Orig Treats	< 6 mo	No	Grated cheese and RC treats last 5 years
Patti Kostakis	Golden Retriever	5/27/2017	11/19/2018		315	144	11/19/2018	Normal	Taste of the Wild, Eukanuba	Taste of The Wild Bison formula 60%, Eukanuba Lamb & Rice 40%	Yogurt, Eggs, Sardines, beef hearts	6 mo - 1 yr	No	
Francesca Nicole Catubig	Doberman	4/25/2017	11/26/2018		253		6/6/2018	Normal	Taste of the Wild, Primal (raw)	75% taste of the wild prey beef 25% primal raw beef or raw patties		6 mo - 1 yr	No	Probnp high but echo normal June 2018
Cynthia Francis	Golden Retriever	10/14/2014	9/11/2018		250				The Farmer's Dog	Beef and Pork formulas (alternated daily)		6 mo - 1 yr	No	
Annie Branca	Golden Retriever	1/23/2014	9/10/2018	RETEST	278	128	8/22/2018	DCM but with improvement in all indices. Heart size is decreasing.	The Real Meat Company	Beef	Honest Kitchen Proper Toppers GF Chicken	< 6 mo	Yes	RETEST - Echo and chest xray both show improvement.
Kate Walter	Golden Retriever	1/30/2016	9/9/2018		191		9/9/2018		Titan (raw)	Titan Blue	5% Fromm Four Star Grain Free Lamb and Lentin (as treats only)	> 1 yr	No	<a href="http://www.titandogfood.com/site/">http://www.titandogfood.com/site/</a>
Janice & Rob Gatt	Golden Retriever	1/30/2016	9/9/2018		203				Titan (raw)	Titan Blue		6 mo - 1 yr	No	
Kara Polansky	Retriever mix	7/12/2012	9/18/2018		240				Titan (raw)	50% Blue and 50% Red	Raw meaty beef bones 1-2x/month	> 1 yr	No	Normal range result for non-Golden; my cat on same diet also tested in mid-normal range (442)
Lisa Dabrowski	Golden Retriever	8/14/2008	10/10/2018		222				Top Quality Dog Food (raw), Taste of the Wild	Beef, Chicken, Pork, Turkey, Duck, rotated		> 1 yr	No	<a href="https://www.topqualitydogfood.com/">https://www.topqualitydogfood.com/</a>
Lisa Dabrowski	Golden Retriever	3/23/2016	10/10/2018		296				Top Quality Dog Food (raw), Taste of the Wild	Beef, Chicken, Turkey, Duck, Pork rotated		> 1 yr	No	<a href="https://www.topqualitydogfood.com/">https://www.topqualitydogfood.com/</a>
Lisa Dabrowski	Golden Retriever	12/4/2012	10/10/2018		327				Top Quality Dog Food (raw), Taste of the Wild	Chicken, Beef, Pork, Turkey, Duck, rotated		> 1 yr	No	<a href="https://www.topqualitydogfood.com/">https://www.topqualitydogfood.com/</a>
Gabriela Binaghi	Golden Retriever	5/6/2017	10/3/2018		527	100			Trudog	Turkey, Beef, Chicken and Rosemary	Stella and Chewys frozen duck, chicken	> 1 yr	No	Treats:dehydrated chicken hearts, liver,feet,tracheas,lamb lungs, jerky (beef-chicken)
Enid Richey	Golden Retriever	10/31/2008	11/26/2018		384		10/31/2018	normal	Tuscan Natural, Honest Kitchen	Chicken and Turkey 50/50	none prior to testing	> 1 yr	No	grain free kibble and dehydrated brands changed every few months
Enid Richey	Laborador Retriever	12/23/2011	10/29/2018		283		10/29/2018	Left Ventricular Systolic Dysfunction-Early DCM	Tuscan Natural, Honest Kitchen, Sojo's, Evangers, Open Farm, Brothers	HK: turkey and fish Sojo's Turkey Evanger's Fish & Potato Open Farm Turkey		> 1 yr	No	Formula Details: Tuscan Natural, Honest Kitchen turkey and fish, Sojos turkey, Evanger's fish and potato, Open Farm turkey, Brother's goat Switches food every couple of bags.
Alice Belthoff	Golden Retriever	2/4/2017	11/26/2018		310	198			Tylee's	GF Human Grade - Chicken and Beef	Chicken Egg once a day	> 1 yr	No	
Klimczyk Krzysztof	Greyhound	3/15/2014	9/26/2018			126	9/5/2018	Normal	V-Dog, Home Cooked	V- dog (company only has one formula)	Vegan homemade diet: Lentils, rice, quinoa, tempeh, veggies etc	> 1 yr	No	IDEXX - Royal Prince Alfred Hospital, Sydney, Australia
Holly Hill	Australian Shepherd	4/8/2015	9/17/2018		236	120			Victor	Hero, Yukon, Country Grain Free		< 6 mo	No	



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Lucy Anugrah	Mini Australian Labradoodle	5/17/2015	9/19/2018		243				Victor	Yukon River Salmon & Sweet Potato Grain Free	Super Gravy Alfredo and Preen Chicken jerky treats (at night), Scrambled Eggs (every weekend)	< 6 mo	No	He was on Rawz Chiken & Turkey GF for 2.5 years, then we switched to Victor Salmon&Sweet Potato 3 months prior to test. We're transitioning to Steve's Real Food Raw Freeze Dried Pork Recipe after blood drawn.
Cherie Hoke	Labrador Retriever	6/27/2007	9/25/2018		335				Victor	Acana GF Lamb & Apple prior to June 2018	eggs	< 6 mo	No	Previously on Acana then switched to Victor GF in June 2018
Nancy L Newport	Whippet	4/13/2010	10/9/2018		235				Victor	Yukon Grain Free Salmon and Sweet Potato		< 6 mo	No	Grain free kibble entire life
Nancy L Newport	Whippet	10/1/2011	10/9/2018		228				Victor	Victor Yukon Grain Free Salmon and Sweet Potato		< 6 mo	No	Grain free kibble entire life
Sue Augustus	Golden Retriever	8/9/2015	10/24/2018		297	150	10/24/2018	Normal	Victor	80% Yukon River Salmon & Sweet Potato (GF) + 20% Merrick Chunky GF Big Texas Steak Tips OR 20% Merrick GF Wilderness Blend		> 1 yr	No	
Sue Augustus	Golden Retriever	5/31/2013	10/24/2018		266	122	10/24/2018	Normal	Victor	80% Yukon River Salmon & Sweet Potato (GF) + 20% Merrick Chunky GF Big Texas Steak Tips OR 20% Merrick GF Wilderness Blend		> 1 yr	No	
Marla Fields	Golden Retriever	5/9/2013	11/11/2018		274				Victor	Hi Pro Plus	occasional sardines and left over meats	6 mo - 1 yr	No	
Rosanne Weiss	Golden Retriever	9/1/2009	9/10/2018		304	65			Wellness	White Fish and Sweet Potato		> 1 yr	No	
Rosanne Weiss	Golden Retriever	11/30/2016	9/10/2018		299	122			Wellness	White Fish and Sweet Potato		> 1 yr	No	
Jaime Evans Walter	Golden Retriever	9/17/2012	9/12/2018			123			Wellness	CORE Reduced Fat Grain Free		> 1 yr	No	
Michael Lappin	Golden Retriever	8/31/2015	9/14/2018		226				Wellness	Original Turkey Formula		> 1 yr	No	Normally active dog
Michael Lappin	Golden Retriever	12/20/2011	9/14/2018		237				Wellness	Original Turkey Formula		> 1 yr	No	Normal Healthy dog
Nathalie Vanseveren	Golden Retriever	2/28/2013	9/14/2018		267	56	9/22/2018	Normal	Wellness	Core Regular GF/Core Reduced Fat GF		> 1 yr	No	Echo done by specialised LVT and sent out for interpretation. All parameters normal; only a trace tricuspid regurgitation present but the tricuspid valve appears normal. Wellness Core formulas fed for 4 years. Bags of Regular and Reduced Fat were alternated according to exercise level and season. Green beans (about 1.5 cups) mixed with either canned tripe or Wellness 95% chicken canned food fed daily in Kong's. Supplements : body fish oil, vitamin E, Cosequin DS, Springtime Fresh Factors, Springtime Spirulina. No taurine supplementation needed; diet switch to Farmina Ancient Grains Chicken started 09/22/18.
Lenna Perlman	Golden Retriever	12/4/2014	9/15/2018		266				Wellness	Complete Health Grain Free Lamb		< 6 mo	No	
Lenna Perlman	Golden Retriever	7/28/2016	9/15/2018		296				Wellness	Complete Health Grain Free Lamb		< 6 mo	No	
Deena Munn	Golden Retriever	7/13/2014	9/20/2018		224		10/6/2018	Clear	Wellness	Simple GF - Turkey & Potato	Wellness 95% Turkey Topper, grilled meats	> 1 yr	No	
Stephanie Muzzin	Vizsla	12/14/2016	9/26/2018		292				Wellness	Salmon & Sweet Potato GF		6 mo - 1 yr	No	
Debbie & Daniel Bender	Great Pyrenees	3/8/2014	10/11/2018		375				Wellness	CORE Grain Free Wild Game Duck, Turkey, Boar, and Rabbit	Cooked chicken, chicken eggs	> 1 yr	No	

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 = DCM or CHF w/o Low Taurine + Diet Related

Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Debbie & Daniel Bender	Collie/BC/Lab/Pyr	12/20/2011	10/11/2018		376				Wellness	CORE Grain Free Wild Game Duck, Turkey, Boar, and Rabbit	Cooked chicken + chicken eggs	> 1 yr	No	
Debbie Fritz	Irish Setter	12/22/2013	10/23/2018		310		10/4/2018	DCM	Wellness	Wellness limited ingredient GF turkey potato	canned food + chicken breast	< 6 mo	No	
Kristen Branche	Labrador Retriever	9/6/2012	10/23/2018		332		12/3/2018	Possible early DCM - See Comments for details	Wellness	Salmon and Potato, GF	none	> 1 yr	No	ECHO DETAILS: Early degenerative valvular disease (mitral regurgitation), hypokinetic interventricular septum which is either biological variability or early development of DCM Now on Taurine 1 gm po q12hr and L - carnitine 1.5gm po q 12hr
Rick & Melanie Drescher	Golden Retriever	3/5/2011	10/24/2018	RETEST	297				Wellness	Core Ocean	Greek Yogurt; hard boiled egg; Ground Sirloin, canned Tuna	< 6 mo	No	Increased from 6/24/18 original whole blood result of 240. Daily: 3 oz 2% Greek Yogurt; 1 hard boiled egg; 1/2c pan-fried 93% Ground Sirloin. Occasionally Canned Water Packed Tuna.
Rick & Melanie Drescher	Golden Retriever	12/11/2015	10/24/2018	RETEST	348				Wellness	Core Ocean	Greek Yogurt; hard boiled egg; Ground Sirloin, canned Tuna	< 6 mo	No	Increased from 6/24/18 original whole-blood result of 254. Daily: 3 oz 2% Greek Yogurt; 1 hard boiled egg; 1/2c pan-fried 93% Ground Sirloin. Occasionally Canned Water Packed Tuna.
Ginny Carlson	Labrador Retriever	4/1/2009	10/1/2018		354				Wellness, Nature's Variety	Ultimate Protein Natures Variety, various Wellness Core Raw Rev	Oravet chew every other day	> 1 yr	No	
Ginny Carlson	Lab cross	9/15/2005	10/1/2018		319				Wellness, Nature's Variety	Nature's Variety Ultimate Protein, Wellness Core Raw Rev various rotating	Oravet chew every other day	> 1 yr	No	
K. Boullion/P. Covey	Golden Retriever	5/14/2012	10/9/2018		320				Wild Callings	50% Bison / 50% Beef	Organic eggs	6 mo - 1 yr	No	
K. Bullion / P. Covey	Golden Retriever	7/6/2013	10/9/2018		290				Wild Callings	50% Bison / 50% Beef	Organic eggs	6 mo - 1 yr	No	
Catherine Ozment	Goldendoodle	6/27/2005	9/4/2018		54	7	9/6/2018	Moderate to severe DCM	Zignature	Kangaroo GF		< 6 mo	No	Fed TOTW various flavors for 6+ years before Zignature. Main symptom was occasional hacking cough, but in hindsight he'd been fatigued.
S Barber	Golden Retriever	4/16/2016	9/4/2018		246		9/27/2018	Normal	Zignature	Venison 90%	1/4 to 1/3 can Natural balance LID Duck and Potato occasionally	> 1 yr	No	Zignature trout/salmon grainfree 1 mth (Echo Updated)
Sharon Swinyer	Akita	1/20/2010	9/7/2018		384		9/6/2018	DCM	Zignature	Kangaroo	cooked chicken or beef	> 1 yr	No	proBNP was normal (250). All other bloodwork normal. X-ray was inconclusive for DCM, only echocardiogram proved it. Results reviewed and diagnosis of DCM confirmed by cardiologist. (EDIT: asking owner if this is being treated as dietary DCM by her vet.)
Charles Bridgers	Golden Retriever	12/12/2012	9/10/2018		206		9/25/2018	Normal	Zignature	Venison, Kangaroo	Ziwipeak Venison for treats,	6 mo - 1 yr	No	
Susan Quigg	German Shepherd/Collie Mix per DNA testing	6/14/2012	9/10/2018		138	99	Scheduled	Appointment scheduled for 10/12/2018	Zignature	Zignature Kangaroo Limited ingredients GF		6 mo - 1 yr	No	Prior food was California Natural Kangaroo & Red Lentil. Production discontinued approx 12/2017 so switched to Zignature Kangaroo. Dog's DOB approximate - he is a rescue
Stephanie Truchan	Golden Retriever	3/14/2014	9/17/2018		402				Zignature	Turkey, Duck, Salmon & Trout, Zessentials	1 - 12" braided bully sticks/week, 1-2 beef soup bones w/marrow from grocery butcher/week, 3-4 pig ears/week, 1 tsp peanut butter nightly	> 1 yr	No	Food formula rotated between the 4 varieties listed after every 27 lb bag 2 - 12" braided bully sticks/week, 1-2 beef soup bones w/marrow from grocery butcher/week, 3-4 pig ears/week, 1 tsp peanut butter nightly
Carah Defrees	Goldendoodle	6/5/2013	9/17/2018		268				Zignature	Zignature Duck, Zignature Salmon & Trout		> 1 yr	No	
Carah Defrees	Goldendoodle	6/23/2014	9/17/2018		246				Zignature	Zignature Duck and Zignature Salmon & Trout		> 1 yr	No	

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Owner's Name	Breed	Dog DOB	Date of Taurine Test	RETEST?	Whole Blood	Plasma	Date of Echo	Echo Results	Brand	Formula	Additional Protein Sources	Duration	Taurine Added	Comments / Additional Information
Laura Hutchison	Golden Retriever/Flat Coated Retriever Mix	12/30/2012	9/20/2018		237				Zignature	Trout & Salmon		> 1 yr	No	
Laura Hutchison	Sheltie/Border Collie Mix	4/9/2014	9/20/2018		233				Zignature	Trout & Salmon		> 1 yr	No	
Tammi Weber	Golden Retriever	9/15/2008	9/21/2018		365				Zignature	Whitefish		> 1 yr	No	1/2 canned 1/2 kibble (both whitefish formula) also add about 1/2 cup steamed chopped broccoli to each meal.
Christine Murphy	Golden Retriever	1/28/2015	9/24/2018		229		11/6/2018	Normal	Zignature	Salmon Trout		> 1 yr	No	
Laura Hutchison	Golden Retriever/Flat Coated Retriever Mix	1/12/2013	9/25/2018		237				Zignature	Trout & Salmon		> 1 yr	No	
Melissa Barton	Golden Retriever	9/8/2010	10/1/2018		327		10/1/2018	DCM	Zignature	Trout & salmon	Treats (3-4/day) Earthborn Holistic Grain-Free (various flavors)	> 1 yr	No	Diagnosed at Tufts - N. Grafton, MA.
Alyssa McPherson	Golden Retriever	1/28/2015	10/9/2018		308				Zignature	Zsential Formula		> 1 yr	No	
Paige Pollock	Standard Poodle	12/20/2016	10/9/2018		355				Zignature	Turkey, Duck and Trout & Salmon		> 1 yr	No	
Paige Pollock	Standard Poodle	10/28/2012	10/9/2018		265				Zignature	Turkey, Duck and Salmon and Trout		> 1 yr	No	
Allison Dennis	Golden Retriever	4/16/2014	10/10/2018		274	117			Zignature	Turkey GF		< 6 mo	No	Zignature Turkey- 4 months. Blue Buffalo Large Breed Chicken & Rice- 4 yrs
Deborah Burkhart	Golden Retriever	11/17/2010	10/17/2018		268				Zignature	Lamb		> 1 yr	No	
Melissa Barton	Golden Retriever	8/3/2015	10/18/2018		220		11/7/2018	DCM	Zignature	Trout & Salmon	Earthborn Holistic treats (various flavors)	> 1 yr	No	Both of our Golden Retrievers that were fed Zignature for 3+ years were diagnosed with DCM.
Barbara Cundy	mix (golden doodle)	11/20/2017	10/29/2018		340	134	11/12/2018	Mild DCM	Zignature	Salmon and Trout	pumpkin , blueberries, carrots, Omega Gold supplement	6 mo - 1 yr	No	only changes noticed lately was increased urination and perhaps more panting
Denise Potvin	Golden Retriever	2/16/2017	11/5/2018		293		11/5/2018	Normal	Zignature	Duck	Hard Boiled Egg 1x/day	> 1 yr	No	Egg topper has only been fed for past 3 months
naushel	Golden Retriever	11/11/2016	11/19/2018		290				Zignature	Lamb	Chicken eggs	< 6 mo	No	
Trisha R. Brenner	Weimaraner	3/24/2013	12/10/2018		238		11/28/2018	DCM- Left ventricle severe dilation, pleural effusion, pulmonary edema.	Zignature	Kangaroo and Green Pea		> 1 yr	No	
Darci L. Adolf	Golden Retriever	12/21/2010	10/2/2018		340				Zignature, Raw (home prepared)	50% Raw and 50% Zignature		> 1 yr	No	
Darci L. Adolf	Golden Retriever	9/17/2010	10/2/2018		398				Zignature, Raw (home prepared)	50% Raw and 50% Zignature		> 1 yr	No	
Cathy Dunn	Golden Retriever	5/21/2016	9/20/2018		369		10/4/2018	NORMAL 10/04/2018	Zignature, Stella & Chewy's (raw)	Zignature Turkey Kibble AND Canned, Stella & Chewys Freeze Dried Surf N Turf Patties, Beef Patties,	Nature's Logic canned, Stella & Chewys Freeze Dried Patties & Toppers, Raw Chicken hearts, Gizzards, Chicken Eggs	> 1 yr	No	ZIGNATURE GF TURKEY STOPPED! Transitioned to Nature's Logic Turkey Kibble Plus Nature's Logic canned. Every meal, TOPPERS given, 2 spoonfuls of canned. PLUS receives a Rotation of - Stella & Chewys Freeze Dried Patties & Toppers (Surf N Turf Patties, Turkey,) Raw Chicken hearts, Gizzards, Organic Farm Fresh Boiled Chicken Eggs w/Shell (3 x wk).
Kelly Rainey	Great Pyrenees/Belgian Malinois mix	1/7/2015	9/5/2018		270				Zignature, Victor	Turkey - 50% Zignature & 50% Victor at time of test	Occasional eggs	> 1 yr	No	Began transition to Victor 2 weeks prior to test.

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Rebecca Campero	Golden Retriever	6/14/2010	9/27/2018		207		10/25/2018	Normal	Ziwipeak	Ziwipeak Beef 75 % and about Raw 25 %	raw sardines, organic chicken, turkey beef hearts, raw organic pasture raised eggs	> 1 yr	No	She gets a rotation of raw sardines, organic chicken, turkey beef hearts, raw organic pasture raised eggs, (green lipped mussel powder daily and Krill oil daily as well as probiotic powder on morning meals) (she is a Spayed Female at 2 years of age) (she was on honest kitchen GF fish also previous years on and off)
Rebecca Campero	Golden Retriever	4/12/2010	9/28/2018		301				Ziwipeak	Ziwipeak Beef 75% and about 25% raw (he is in tact not neutered)	Green lipped mussel, raw sardines, chicken, turkey and beef hearts, organic pasture eggs	> 1 yr	No	Daily probiotic powder, green lipped mussel, mercola Krill oil, / rotation of raw sardines, organic chicken turkey and beef hearts & organic pasture raised eggs daily) about 1/4 cup of one topper