Service Section	Test Name	Test Description	Sample Requirements	Shipping Requirements	Fee
		Provide purple top whole blood from the			
		donor, ensure tubes are well-labeled as to		Overnight with ice packs	
Blood Bank	Crossmatch - Gel	donor and recipient.	PURPLE TOP EDTA		\$ 57
Blood Bank	DEA 1.1 Blood Type		PURPLE TOP EDTA	Overnight with ice packs	\$ 57
Blood Bank	Feline Blood Type		PURPLE TOP EDTA	Overnight with ice packs	\$ 57
				Maintain anaerobic conditions, do not expose to air	
			GREEN TOP LI HEP (whole blood, on ice, within 4 hours)	GT (whole blood): Deliver on ice packs within 4 hours of	
			-OR- GREEN TOP LI HEP (plasma, on ice, overnight)	collection, courier or hand delivery only	
			-OR- *RED TOP NO ADDITIVE (serum, on ice, overnight)	GT (plasma): Centrifuge & seperate plasma within 4 hours,	
			*Preferred mail-in sample	maintain at 4°C, ship overnight with ice packs	
Blood Gas	Ionized Calcium	Ionized Calcium		RT (serum): Centrifuge & seperate serum within 1 hour, maintain at 4°C, ship overnight with ice packs	\$ 17
5100ti Gü3	ionized calcium	Body Fluid Albumin, Body Fluid Globulin,		at 4 C, ship overnight with ite packs	7 17
Body Fluid Chemistry	Body Fluid TP/ALB/GLOB	Body Fluid Total Protein	RED TOP NO ADDITIVE	Overnight with ice packs	\$ 30
Body Fluid Chemistry	Body Fluid ALKP	Body Fluid ALKP	RED TOP NO ADDITIVE		\$ 17
Body Fluid Chemistry	Body Fluid Amylase	Body Fluid AEKF Body Fluid Amylase	RED TOP NO ADDITIVE	,	\$ 17 \$ 19
Body Fluid Chemistry	Body Fluid Calcium	Body Fluid Affiyiase Body Fluid Calcium	RED TOP NO ADDITIVE		\$ 17
Body Fluid Chemistry	Body Fluid Chloride	Body Fluid Calcium Body Fluid Chloride	RED TOP NO ADDITIVE		\$ 17 \$ 17
Body Fluid Chemistry	Body Fluid Cholesterol	Body Fluid Cholesterol	RED TOP NO ADDITIVE	0	\$ 17
	Body Fluid Creatinine	Body Fluid Cholesterol Body Fluid Creatinine	RED TOP NO ADDITIVE		\$ 17 \$ 17
Body Fluid Chemistry	Body Fluid Glucose	Body Fluid Creatiffine Body Fluid Glucose	RED TOP NO ADDITIVE		\$ 17 \$ 17
Body Fluid Chemistry	· · · · · · · · · · · · · · · · · · ·			,	
Body Fluid Chemistry	Body Fluid Lipase	Body Fluid Magazine	RED TOP NO ADDITIVE		\$ 19
Body Fluid Chemistry	Body Fluid Magnesium	Body Fluid Magnesium	RED TOP NO ADDITIVE		\$ 17
Body Fluid Chemistry	Body Fluid Phosphorous	Body Fluid Phosphorous	RED TOP NO ADDITIVE		\$ 17
Body Fluid Chemistry	Body Fluid Potassium	Body Fluid Potassium	RED TOP NO ADDITIVE	,	\$ 17
Body Fluid Chemistry	Body Fluid Sodium	Body Fluid Sodium	RED TOP NO ADDITIVE	Overnight with ice packs	\$ 17
		Body Fluid Total Bilirubin, Body Fluid Direct	252 702 110 122 777 75	Overnight with ice packs	
Body Fluid Chemistry	Body Fluid Total Bilirubin	Bilirubin, Body Fluid Indirect Bilirubin	RED TOP NO ADDITIVE		\$ 17
Body Fluid Chemistry	Body Fluid Triglyceride	Body Fluid Triglyceride	RED TOP NO ADDITIVE	Overnight with ice packs	\$ 19
			GREEN TOP LI HEP or Red Top tube: centrifuge the sample	Overnight with ice packs	
			& transfer the supernatant (plasma or serum) to a sterile	· ·	
Chemistry	ALB	Albumin	container (red-top or plastic tube) before shipping.		\$ 17
			GREEN TOP LI HEP or Red Top tube: centrifuge the sample	Overnight with ice packs	
			& transfer the supernatant (plasma or serum) to a sterile	· ·	
Chemistry	ALKP	ALKP	container (red-top or plastic tube) before shipping.		\$ 17
			GREEN TOP LI HEP or Red Top tube: centrifuge the sample	Overnight with ice packs	
			& transfer the supernatant (plasma or serum) to a sterile	Overnight with ite packs	
Chemistry	ALT	ALT (GPT)	container (red-top or plastic tube) before shipping.		\$ 17
			Purple Top EDTA tube: Centrifuge the sample as soon as		
			possible. Transfer plasma to a sterile container (red top or		
			plastic tube) and maintain on ice. Up to 2 hours delay	Courier or hand deliver only, on ice.	
			between sample collection and sample analysis is		
Chemistry	AMMONIA	Ammonia	permissible.		\$ 48
			GREEN TOP LI HEP or Red Top tube: centrifuge the sample	O contain the transplan	
				Overnight with ice packs	
			& transfer the supernatant (plasma or serum) to a sterile	o veringine trial lee paolis	

245 Duck Pond Dr. | Blacksburg, VA 24061| 540-231-4320

ViTALS Tests and Fees Fees Effective: November 1st, 2023

Chemistry AST AST (GOT) Content of the supermature (plasma or serum) to a sterile container (red-stop or plastic tube) before shipping. Chemistry PreBA Bile Acids (Fasting) Container (red-stop or plastic tube) before shipping. Chemistry ProstBA Bile Acids (Fosting) Container (red-stop or plastic tube) before shipping. Chemistry ProstBA Bile Acids (Fosting) Container (red-stop or plastic tube) before shipping. Chemistry ProstBA Bile Acids (Post) Container (red-stop or plastic tube) before shipping. Chemistry CA Calicium Container (red-stop or plastic tube) before shipping. Chemistry CA Calicium Container (red-stop or plastic tube) before shipping. Chemistry CI Chioride Container (red-stop or plastic tube) before shipping. Chemistry CHOL Cholesterol Container (red-stop or plastic tube) before shipping. Chemistry CHOL Cholesterol Container (red-stop or plastic tube) before shipping. Chemistry CR CX	Service Section	Test Name	Test Description	Sample Requirements	Shipping Requirements		Fee
GREEN TOP U HEP or Red Top tube: centringe the sample & transfer the supernation (plasma or serun) to a sterile container (red-top or plastic tube) before shipping. Chemistry PreBA Bile Acids (Pasting) GREEN TOP U HEP or Red Top tube: centringe the sample & transfer the supernation (red-top or plastic tube) before shipping. Chemistry PreBA Bile Acids (Post) GREEN TOP U HEP or Red Top tube: centringe the sample & transfer the supernation (plasma or serun) to a sterile container (red-top or plastic tube) before shipping. Chemistry PostBA Bile Acids (Post) Container (red-top or plastic tube) before shipping. GREEN TOP U HEP or Red Top tube: centringe the sample & transfer the supernation or serun) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP U HEP or Red Top tube: centringe the sample & transfer the supernation or serun) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP U HEP or Red Top tube: centringe the sample & transfer the supernation or serun) to a sterile container (red-top or plastic tube) before shipping. Chemistry CI Chloride Container (red-top or plastic tube) before shipping. GREEN TOP U HEP or Red Top tube: centrifuge the sample & transfer the supernation (plasma or serun) to a sterile container (red-top or plastic tube) before shipping. Chemistry CK CK CK container (red-top or plastic tube) before shipping. GREEN TOP U HEP or Red Top tube: centrifuge the sample & transfer the supernation (plasma or serun) to a sterile container (red-top or plastic tube) before shipping. SOVernight with ice packs Chemistry CD2 CO2 CO3 Service or plastic tubel before shipping. GREEN TOP U HEP or Red Top tube: centrifuge the sample & transfer the supernation (plasma or serun) to a sterile container (red-top or plastic tubel) before shipping. GREEN TOP U HEP or Red Top tube: centrifuge the sample & transfer the supernation (plasma or serun) to a sterile container (red-top or plastic tubel) before shipping. GREEN TOP U HEP or Red Top tube: centrifuge	Chamista	DANG	Amulaca Linaca	& transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs	A	24.00
Remarker the supermating (plasma or serun) to a sterile container (red-du op praistic tube) before shipping. Chemistry PreBA Bille Acids (Pasting) Chemistry PostBA Bille Acids (Post) Chemistry CA Calcium Container (red-du op or plastic tube) before shipping. Chemistry CA Calcium Container (red-du op or plastic tube) before shipping. Chemistry CL Chloride Chemistry CL Chloride Chemistry CHUE Or PreBA Top tube: centrifuge the sample attransfer the supermating (plasma or serum) to a sterile container (red-du op or plastic tube) before shipping. S Covernight with ice packs Chemistry CL Chloride CREEN TOP U HEP or Red Top tube: centrifuge the sample attransfer the supermating (plasma or serum) to a sterile container (red-du op or plastic tube) before shipping. S CHEMISTRY CREAT CREEN TOP U HEP or Red Top tube: centrifuge the sample attransfer the supermating tharm or serum) to a sterile container (red-du op or plastic tube) before shipping. S CHEMISTRY CREAT CREEN TOP U HEP or Red Top tube: centrifuge the sample attransfer the supermating (plasma or serum) to a sterile container (red-du op or plastic tube) before shipping. S CHEMISTRY CREAT Creatinine Chemistry CA Creatinine Chemistry CA Creatinine Chemistry CA Creatinine Chemistry CA Creatinine Container (red-du op or plastic tube) before shipping. S COVERNIGHT with ice packs Chemistry CA Creatinine Chemistry DAIIB DAIIB CARENT TOP U HEP or Red Top tube: centrifuge the sample attransfer the supermating (plasma or serum) to a sterile container (red-du op or plastic tube) before shipping. S COVERNIGHT with ice packs Chemistry CA CREAT Creatinine CR	Chemistry	PANC	Amylase, Lipase	container (red-top or plastic tube) before snipping.		\$	31.00
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Chemistry CHOL Cholesterol container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. CK CK container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. Chemistry CO2 CO2 container (red-top or plastic tube) before shipping. CREAT Creatinine Container (red-top or plastic tube) before shipping. Chemistry CREAT Creatinine Container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & Covernight with ice packs GREEN TOP LI HEP or Red Top tube: centrifuge the sample & Covernight with ice packs Chemistry D3HB D3HB Container (red-top or plastic tube) before shipping. Green Top or Red Top tube: centrifuge the sample & Covernight with ice packs				GREEN TOP LI HEP or Red Top tube: centrifuge the sample	O contribute the contribute		
GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. CK CK container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. CC2 CO2 container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. Chemistry CREAT Creatinine container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. Chemistry D3HB D3HB Container (red-top or plastic tube) before shipping. Green Top or Red Top tube: centrifuge the sample & Covernight with ice packs Overnight with ice packs Overnight with ice packs				· · · · · · · · · · · · · · · · · · ·	Overnight with ice packs		
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& transfer the supernatant (plasma or serum) to a sterile Chemistry CK CK container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile Chemistry CO2 CO2 container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile Chemistry CREAT Creatinine container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile Container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile Chemistry D3HB D3HB container (red-top or plastic tube) before shipping. Green Top or Red Top tube: centrifuge the sample & Covernight with ice packs Overnight with ice packs Overnight with ice packs Overnight with ice packs Overnight with ice packs				GREEN TOP LI HEP or Red Top tube: centrifuge the sample			
GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile Chemistry CO2 CO2 container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile Chemistry CREAT Creatinine container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile Chemistry D3HB D3HB container (red-top or plastic tube) before shipping. Green Top or Red Top tube: centrifuge the sample & Overnight with ice packs				· · · · · · · · · · · · · · · · · · ·	Overnight with ice packs		
& transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. CD2 CO2 CO2 CO3 GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile Chemistry CREAT Creatinine CREEN TOP LI HEP or Red Top tube: centrifuge the sample & container (red-top or plastic tube) before shipping. \$ GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile Chemistry D3HB D3HB D3HB D3HB D3HB Container (red-top or plastic tube) before shipping. \$ Overnight with ice packs Overnight with ice packs Overnight with ice packs	Chemistry	СК	CK	container (red-top or plastic tube) before shipping.		\$	19.00
& transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. Chemistry CO2 CO2 CO2 CO2 CO3 CO3 CO3 CO3				GREEN TOP LI HEP or Red Top tube: centrifuge the sample			
GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. Chemistry CREAT Creatinine GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile & transfer the supernatant (plasma or serum) to a sterile & transfer the supernatant (plasma or serum) to a sterile Chemistry D3HB D3HB D3HB Overnight with ice packs Overnight with ice packs					Overnight with ice packs		
& transfer the supernatant (plasma or serum) to a sterile Chemistry CREAT Creatinine container (red-top or plastic tube) before shipping. \$ GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile Chemistry D3HB D3HB container (red-top or plastic tube) before shipping. \$ Green Top or Red Top tube: centrifuge the sample & Overnight with ice packs Overnight with ice packs Overnight with ice packs	Chemistry	CO2	CO2	container (red-top or plastic tube) before shipping.		\$	15.00
& transfer the supernatant (plasma or serum) to a sterile Chemistry CREAT Creatinine container (red-top or plastic tube) before shipping. \$ GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile Chemistry D3HB D3HB container (red-top or plastic tube) before shipping. \$ Green Top or Red Top tube: centrifuge the sample & Covernight with ice packs Overnight with ice packs				GREEN TOP LI HEP or Red Top tube: centrifuge the sample			
GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile Chemistry D3HB D3HB container (red-top or plastic tube) before shipping. Green Top or Red Top tube: centrifuge the sample & Overnight with ice packs Overnight with ice packs					Overnight with ice packs		
& transfer the supernatant (plasma or serum) to a sterile Chemistry D3HB D3HB container (red-top or plastic tube) before shipping. \$ Green Top or Red Top tube: centrifuge the sample & Overnight with ice packs Overnight with ice packs	Chemistry	CREAT	Creatinine	container (red-top or plastic tube) before shipping.		\$	17.00
& transfer the supernatant (plasma or serum) to a sterile Chemistry D3HB D3HB container (red-top or plastic tube) before shipping. \$ Green Top or Red Top tube: centrifuge the sample & Overnight with ice packs				GREEN TOP LI HEP or Red Top tube: centrifuge the sample			
Green Top or Red Top tube: centrifuge the sample &				· · · · · · · · · · · · · · · · · · ·	Overnight with ice packs		
Overnight with ice nacks	Chemistry	D3HB	D3HB	container (red-top or plastic tube) before shipping.		\$	20.00
Overnight with ice nacks				Green Ton or Red Ton tube: centrifuge the sample &			
transfer the supermatant (plasma or serain) to a sterile				transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs		
Chemistry GGT GGT container (red-top or plastic tube) before shipping. \$	Chemistry	GGT	GGT	container (red-top or plastic tube) before shipping.		\$	19.00
GREEN TOP LI HEP or Red Top tube: centrifuge the sample				GREEN TOR II HER or Red Ton tube: contribute the comple			
& transfer the supernatant (plasma or serum) to a sterile Overnight with ice packs					Overnight with ice packs		
·	Chemistry	GLU	Glucose	· · · · · · · · · · · · · · · · · · ·		\$	17.00

GREN TOP LIFEP or Red Top tube: centrituge the sample Chemistry HYPERTHY Panel (GPT), ALP Greatinine, ALT (GPT), ALP Greatinine, Phosphorus, Calcium, Alburnin, Chiodesterol, Sodium, Potassium, Chioride, CO2, Anion Spanning, Greatinine, Phosphorus, Calcium, Brainin, Chioride, CO2, Anion Spanning, Greatinine, Phosphorus, Calcium, Brainin, Chioride, CO2, Anion Spanning, Greatinine, Phosphorus, Calcium, Brainin, Chioride, CO2, Anion Spanning, Greatinine, Phosphorus, Calcium, Patassium, Chioride, CO2, Anion Gap Greatine, Phosphorus, Gre	Service Section	Test Name	Test Description	Sample Requirements	Shipping Requirements	F	Fee
Glucose, Urea Nitrogen, Creatinne, ALT Chemistry HYPERTHY Panel GPT), ALTP Glucose, Urea Nitrogen, Creatinne, Phosphorus, Calcium, Alburnin, Chebestrol, Sodium, Potassium, Chemistry RENAL Panel Gap Chemistry RENAL Panel Gap Chemistry RENAL Panel Gap Chemistry RENAL Panel Gap Chemistry Chemistry Chemistry Large Animal Profile CO2, Anima Glucose, Urea Nitrogen, Creatinne, Phosphorus, Calcium, Total Billinghin, Chemistrol, Co2, Anima Glucose, Urea Nitrogen, Creatinne, Phosphorus, Calcium, Total Billinghin, Chemistrol, Co2, Anima Chemistry Small Animal Profile Gap Chemistry Small Animal Profile Gap Chemistry Chemistry Chemistro Challer Chemistro Chemistr	Chemistry	FISH PROFILE	Magnesium, Total Protein, Albumin, AST (GOT), ALKP, Total Bilirubin, Direct Bilirubin, Indirect Bilirubin, Cholesterol, Sodium,	& transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs	\$	58.00
Chemistry BENAL Panel Gog Containine, Phosphorus, Calcium, Alburnin, Colobular, AT (GPT), ALKP, GGT, Total Billrubin, CT-(Chemistry Small Animal Profile Gog Container, Creatinine, Phosphorus, Calcium, Mapresium, Ctal Protein, Alburnin, Globulin, AST (GCT), GGT, Container, Phosphorus, Calcium, Mapresium, Ctal Protein, Alburnin, Globulin, AST (GCT), GGT, Container, Containe	Chemistry	HYPERTHY Panel	•	& transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs	Ś	46.00
Glucose, Urea Nitrogen, Creativine, Posphorpure, Glabium, Repressium, Total Protein, Albumin, Globulin, AST (GOT), GGT, Total Billirubin, Direct Billirubin, Indirect Billirubin, CK, Sodium, Potassium, Chloride, B. At rander the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. Chemistry Large Animal Profile Glucose, Urea Nitrogen, Creativine, Posphorpure, Colicium, Total Protein, Albumin, Globulin, ATT (GPT), ALKP, GGT, Total Billirubin, CK, Cholesterol, Triphycerides, Sodium, Potassium, Chloride, CO2, Anion Gap Container (red-top or plastic tube) before shipping. Chemistry Small Animal Profile Gucose, Urea Nitrogen, Creativine, Colicium, Total Protein, Albumin, Globulin, ATT (GPT), ALKP, GGT, Total Billirubin, Cholesterol Gucose, Urea Nitrogen, Creativine, Colicium, Total Billirubin, Cholesterol Gucose, Urea Nitrogen, Creativine, Total Gucose, Ure	·		Glucose, Urea Nitrogen, Creatinine, Phosphorus, Calcium, Albumin, Cholesterol, Sodium, Potassium, Chloride, CO2, Anion	GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs	·	64.00
Glucose, Urea Nitrogen, Creatinine, Total Protein, Albumin, Globulin, ALT (GFT), ALKP, GGT, Total Bilirubin, CK, Cholesterol, Triglycerides, Sodium, Potassium, Chloride, CO2, Anion Gap GREEN TOP LI HEP or Red Top tube: centrifuge the sample Chemistry Small Animal Profile Gap GREEN TOP LI HEP or Red Top tube: centrifuge the sample Glucose, Urea Nitrogen, Creatinine, Sodium, Britansier (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample Chemistry CHEM 8 AU480 Potassium, Chloride, CO2, Anion Gap GREEN TOP LI HEP or Red Top tube: centrifuge the sample Protein, Albumin, Gilobulin, ALT (GFT), ALKP, BOVINE PROFILE Glucose, Urea Nitrogen, Creatinine, Total Protein, Altumin, Globulin, ALT (GFT), ALKP, Chemistry Glucose, Urea Nitrogen, Creatinine, Total GREEN TOP LI HEP or Red Top tube: centrifuge the sample Chemistry UVER Glucose, Urea Nitrogen, Creatinine, Total GREEN TOP LI HEP or Red Top tube: centrifuge the sample Chemistry UVER GREEN TOP			Phosphorus, Calcium, Magnesium, Total Protein, Albumin, Globulin, AST (GOT), GGT, Total Bilirubin, Direct Bilirubin, Indirect Bilirubin, CK, Sodium, Potassium, Chloride,	GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs		
Chemistry Small Animal Profile Gap container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample at transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample at transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample at transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample at transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample at transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample at transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample at transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample at transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample at transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shippin	Chemistry	Large Animal Profile	Glucose, Urea Nitrogen, Creatinine, Phosphorus, Calcium, Total Protein, Albumin, Globulin, ALT (GPT), ALKP, GGT, Total Bilirubin, CK, Cholesterol, Triglycerides,	GREEN TOP LI HEP or Red Top tube: centrifuge the sample	Overnight with ice packs	\$	80.00
Chemistry CHEM 8 AU480 Potassium, Chloride, CO2, Anion Gap container (red-top or plastic tube) before shipping. Glucose, Urea Nitrogen, Creatinine, Total Protein, Albumin, Globulin, ALT (GPT), ALKP, Protein, Albumin, Globulin, ALT (GPT), ALKP, Protein, Albumin, Globulin, ALT (GPT), ALKP, Calcium, Magnesium, Chloride Chemistry PREOP Panel Sodium, Potassium, Chloride GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping.	Chemistry	Small Animal Profile	Gap	container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample	Overnight with ice packs	\$	80.00
Protein, Albumin, Globulin, ALT (GPT), ALKP, Chemistry PREOP Panel Sodium, Potassium, Chloride container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. Glucose, Urea Nitrogen, Phosphorus, Calcium, Magnesium, CK, Sodium, Potassium, & transfer the supernatant (plasma or serum) to a sterile Calcium, Magnesium, CK, Sodium, Potassium, & transfer the supernatant (plasma or serum) to a sterile Chloride, CO2, D3HB container (red-top or plastic tube) before shipping. Glucose, Urea Nitrogen, Total Protein, Albumin, Globulin, ALT (GPT), ALKP, GGT, Albumin, Globulin, ALT (GPT), ALKP, GGT, Total Bilirubin, Cholesterol GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile & transfer the supernatant (plasma or serum) to a sterile & transfer the supernatant (plasma or serum) to a sterile & transfer the supernatant (plasma or serum) to a sterile & transfer the supernatant (plasma or serum) to a sterile & transfer the supernatant (plasma or serum) to a sterile & transfer the supernatant (plasma or serum) to a sterile & transfer the supernatant (plasma or serum) to a sterile & transfer the supernatant (plasma or serum) to a sterile & transfer the supernatant (plasma or serum) to a sterile & transfer the supernatant (plasma or serum) to a sterile & transfer the supernatant (plasma or serum) to a sterile & transfer	Chemistry	CHEM 8 AU480	• • • • • • • • • • • • • • • • • • • •			\$	27.00
Glucose, Urea Nitrogen, Creatinine, Total & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. Glucose, Urea Nitrogen, Phosphorus, Calcium, Magnesium, CK, Sodium, Potassium, & transfer the supernatant (plasma or serum) to a sterile Calcium, Magnesium, CK, Sodium, Potassium, & transfer the supernatant (plasma or serum) to a sterile Container (red-top or plastic tube) before shipping. Glucose, Urea Nitrogen, Total Protein, Albumin, Globulin, ALT (GPT), ALKP, GGT, Chemistry LIVER Glucose, Urea Nitrogen, Total Protein, Albumin, Globulin, ALT (GPT), ALKP, GGT, Container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping.	Chemistry	PREOP Panel	Protein, Albumin, Globulin, ALT (GPT), ALKP,	& transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs	\$	60.00
Calcium, Magnesium, CK, Sodium, Potassium, & transfer the supernatant (plasma or serum) to a sterile Chemistry BOVINE PROFILE Chloride, CO2, D3HB container (red-top or plastic tube) before shipping. \$ 49.00 Glucose, Urea Nitrogen, Total Protein, Albumin, Globulin, ALT (GPT), ALKP, GGT, Total Bilirubin, Cholesterol Chemistry LIVER Total Bilirubin, Cholesterol CREEN TOP LI HEP or Red Top tube: centrifuge the sample container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample container (red-top or plastic tube) before shipping. GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile Wernight with ice packs Overnight with ice packs	Chemistry	MOUSE PROFILE	· · · · · · · · · · · · · · · · · · ·	& transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs	\$	40.00
Albumin, Globulin, ALT (GPT), ALKP, GGT, Chemistry LIVER Total Bilirubin, Cholesterol GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile Overnight with ice packs Overnight with ice packs Overnight with ice packs Overnight with ice packs	Chemistry	BOVINE PROFILE	Calcium, Magnesium, CK, Sodium, Potassium,	& transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs	\$	49.00
GREEN TOP LI HEP or Red Top tube: centrifuge the sample & transfer the supernatant (plasma or serum) to a sterile Overnight with ice packs	Chemistry	LIVER	Albumin, Globulin, ALT (GPT), ALKP, GGT,	& transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs	\$	58.00
	Chemistry	LIPASE	Lipase	· · · · · · · · · · · · · · · · · · ·	Overnight with ice packs	\$	19.00

245 Duck Pond Dr. | Blacksburg, VA 24061| 540-231-4320

ViTALS Tests and Fees Fees Effective: November 1st, 2023

Service Section	Test Name	Test Description	Sample Requirements	Shipping Requirements		Fee
			GREEN TOP LI HEP or Red Top tube: centrifuge the sample			
			& transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs		
Chemistry	MG	Magnesium	container (red-top or plastic tube) before shipping.		\$	17.00
			GREEN TOP LI HEP or Red Top tube: centrifuge the sample	Overnight with ice packs		
			& transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs		
Chemistry	PHOS	Phosphorus	container (red-top or plastic tube) before shipping.		\$	17.00
			GREEN TOP LI HEP or Red Top tube: centrifuge the sample			
			& transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs		
Chemistry	MIN	Phosphorus, Calcium, Magnesium	container (red-top or plastic tube) before shipping.		Ś	36.00
CHCHIISTIY	IVIIIV	Phosphorus, Calcium, Magnesium, Total	container (rea top or plastic tabe) before simpping.			30.00
		Protein, Albumin, Globulin, AST (GOT), GGT,	GREEN TOP LI HEP or Red Top tube: centrifuge the sample			
		Total Bilirubin, Direct Bilirubin, Indirect	& transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs		
Chemistry	Large Animal Mini Profile	Bilirubin	container (red-top or plastic tube) before shipping.		\$	52.00
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		Phosphorus, Calcium, Magnesium, Total				
		Protein, ALT (GPT), AST (GOT), Total Bilirubin	, GREEN TOP LI HEP or Red Top tube: centrifuge the sample	Overnight with ice packs		
		Direct Bilirubin, Indirect Bilirubin, CK,	& transfer the supernatant (plasma or serum) to a sterile			
Chemistry	CHICKEN PROFILE	Sodium, Potassium, Chloride	container (red-top or plastic tube) before shipping.		\$	57.00
		Phosphorus, Calcium, Total Protein, Albumin	,			
		Globulin, ALT (GPT), AST (GOT), ALKP, GGT,	GREEN TOP LI HEP or Red Top tube: centrifuge the sample	Overnight with ice packs		
		Total Bilirubin, Direct Bilirubin, Indirect	& transfer the supernatant (plasma or serum) to a sterile	Overnight with ite packs		
Chemistry	Small Animal Mini Profile	Bilirubin, Cholesterol	container (red-top or plastic tube) before shipping.		\$	51.00
			GREEN TOP LI HEP or Red Top tube: centrifuge the sample	Overnight with ice packs		
			& transfer the supernatant (plasma or serum) to a sterile	3 · · · · · · · · · · · · · · · · · · ·		
Chemistry	K	Potassium	container (red-top or plastic tube) before shipping.		\$	17.00
			GREEN TOP LI HEP or Red Top tube: centrifuge the sample			
			& transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs		
Chemistry	NA	Sodium	container (red-top or plastic tube) before shipping.		Ś	17.00
Chemistry	NA .	Joulum	container (rea-top or plastic tube) before shipping.		γ	17.00
			GREEN TOP LI HEP or Red Top tube: centrifuge the sample			
		Sodium, Potassium, Chloride, CO2, Anion	& transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs		
Chemistry	LYTES	Gap	container (red-top or plastic tube) before shipping.		\$	37.00
,		·	, , , , , , , , , , , , , , , , , , , ,		<u> </u>	
			GREEN TOP LI HEP or Red Top tube: centrifuge the sample	O contribute the transplant		
		Total Bilirubin, Direct Bilirubin, Indirect	& transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs		
Chemistry	TBIL	Bilirubin	container (red-top or plastic tube) before shipping.		\$	17.00
			GREEN TOP LI HEP or Red Top tube: centrifuge the sample	Overnight with ice packs		
			& transfer the supernatant (plasma or serum) to a sterile	- 1 - 1		
Chemistry	TP	Total Protein	container (red-top or plastic tube) before shipping.		\$	17.00
			COFFEN TOR HAIFD on Red Too to be accorded to the			
			GREEN TOP LI HEP or Red Top tube: centrifuge the sample	Overnight with ice packs		
Chomistry	ALD/GLOD/TD	Total Protein, Albumin, Globulin	& transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping.		Ś	20.00
Chemistry	ALB/GLOB/TP	rotal Froteill, Albumin, Globuill	container fred-top or plastic tube, before stripping.		Ş	30.00

Service Section	Test Name	Test Description	Sample Requirements	Shipping Requirements	I	Fee
			GREEN TOP LI HEP or Red Top tube: centrifuge the sample			
			& transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs		
Chemistry	TRIG	Triglycerides	container (red-top or plastic tube) before shipping.		\$	19.00
			000000000000000000000000000000000000000			
			GREEN TOP LI HEP or Red Top tube: centrifuge the sample	Overnight with ice packs		
Chemistry	BUN	Urea Nitrogen	& transfer the supernatant (plasma or serum) to a sterile container (red-top or plastic tube) before shipping.		Ś	17.00
CHEMISTRY	BON	Orea Mitrogen	container (rea-top or plastic tube) before simpping.		<u> ۲</u>	17.00
			GREEN TOP LI HEP or Red Top tube: centrifuge the sample	0 11 11 1		
		Urea Nitrogen, Creatinine, Total Protein, ALT	& transfer the supernatant (plasma or serum) to a sterile	Overnight with ice packs		
Chemistry	NSAID Panel	(GPT), ALKP, Total Bilirubin	container (red-top or plastic tube) before shipping.		\$	49.00
			PLUS TOP Cod's as allowed as a second as a local			
			BLUE TOP Sodium citrate: Sample must meet draw level indicated on the blood tube. Ensure sample does not have			
			visible clots. Whole blood citrated samples must be			
			analyzed within 4 hours of sampling. If testing delay of more	Courier or overnight with ice packs		
			than 4 hours is expected, remove plasma after	Courier of overnight with ite packs		
			centrifugation to a plastic tube (not a red top clot activator			
			tube) and refrigerate for testing within 24 hours, or for			
Coagulation	PT	PT	longer delays, freeze plasma.		\$	57.00
			BLUE TOP Sodium citrate: Sample must meet draw level			
			indicated on the blood tube. Ensure sample does not have			
			visible clots. Whole blood citrated samples must be			
			analyzed within 4 hours of sampling. If testing delay of more	Courier or overnight with ice packs		
			than 4 hours is expected, remove plasma after			
			centrifugation to a plastic tube (not a red top clot activator			
Congulation	PTT	PTT	tube) and refrigerate for testing within 24 hours, or for longer delays, freeze plasma.		Ś	57.00
Coagulation	FII	Examples: Bronchoaveolar lavage, tracheal	Tonger delays, freeze plasma.		٧	37.00
		wash, urine, bile, seminal/prostatic fluid,		Slides in protective slide holder, otherwise, overnight		
		fluid from mass, washes/flushes, pus or		with ice packs. DO NOT SHIP WITH FORMALIN FIXED		
Cytology	Fluid without counts	abscess	RED TOP or PURPLE TOP EDTA +/- smear slides of the fluid	SAMPLES	\$	66.00
		Examples: Pleural effusion, thoracic fluid,		Slides in protective slide holder, otherwise, overnight		
		peritoneal fluid, abdominal cavity fluid,		with ice packs. DO NOT SHIP WITH FORMALIN FIXED		
Cytology	Fluid with counts	pericardial effusion/fluid	PURPLE TOP EDTA +/- smear slides of the fluid	SAMPLES	\$	99.00
				Slides in protective slide holder, otherwise, overnight		
Chile	Combined to Ltd (CCF)	Includes nucleated & red cell counts, protein,		with ice packs. DO NOT SHIP WITH FORMALIN FIXED		00.00
Cytology	Cerebrospinal Fluid (CSF)	& cytologic evaluation must be accompanied by a CBC that has	RED TOP NO ADDITIVE +/- smear slides	SAMPLES Slides in protective slide holder, otherwise, overnight	\$	99.00
		been performed within 24hours (CBC may be		with ice packs. DO NOT SHIP WITH FORMALIN FIXED		
Cytology	Bone Marrow	performed at additional charge)	Slides + PURPLE TOP EDTA or PURPLE TOP EDTA	SAMPLES.	\$	99.00
Cytology	Bone Marrow	performed at additional enarge)	Unstained slides +/- PURPLE TOP EDTA Whole blood.	Slides in protective slide holder, otherwise, overnight	-	33.00
		Pathologist reviews the blood smear.	Include recent (<48 hours) CBC or PURPLE TOP EDTA for CBC			
Cytology	Path Review		(additional charge applies)	SAMPLES.	\$	44.00
		smear slide made from the layer separating		Overnight with ice packs. DO NOT SHIP WITH FORMALIN		
Cytology	Buffy Coat	the plasma from the packed cells	PURPLE TOP EDTA	FIXED SAMPLES	\$	66.00
Cutology	Pasia Cutalogu Smarra		Smoor Slides labeled with notice traces and site	Slides in protective slide holder. DO NOT SHIP WITH	ć	66.00
Cytology	Basic Cytology- Smears		Smear Slides labeled with patient name and site	FORMALIN FIXED SAMPLES.	\$	66.00

Service Section	Test Name	Test Description	Sample Requirements	Shipping Requirements	Fee
				Slides in protective slide holder. DO NOT SHIP WITH	
Cytology	Lymph node, single site		Slides, labeled with patient name and site	FORMALIN FIXED SAMPLES.	\$ 66.00
				Slides in protective slide holder. DO NOT SHIP WITH	
Cytology	Lymph node, multiple sites		Slides, labeled with patient name and site(s)	FORMALIN FIXED SAMPLES.	\$ 88.00
		Analyzer blood counts only- No blood smear		Overwinks with incomes	
Hematology	Hemogram Equine	review/manual cell count	PURPLE TOP EDTA	Overnight with ice packs	\$ 33.00
		Analyzer blood counts only- No blood smear			
Hematology	Hemogram Large Animal	review/manual cell count	PURPLE TOP EDTA	Overnight with ice packs	\$ 33.00
		Analyzer blood counts only- No blood smear			•
Hematology	Hemogram Small Animal	review/manual cell count	PURPLE TOP EDTA	Overnight with ice packs	\$ 33.00
		Automated Reticulocyte Count, Reticulocyte			,
Hematology	Reticulocyte Count	Absolute	PURPLE TOP EDTA	Overnight with ice packs	\$ 19.00
Hematology	Packed Cell Volume	Packed Cell Volume	PURPLE TOP EDTA	Overnight with ice packs	\$ 15.00
Пстисоюду	Tacked Cell Volume	Packed Cell Volume, Plasma Protein, Plasma	TOMEL FOR EDIT	Overnight with the packs	ý 15.00
Hematology	PCV/TP	Appearance	PURPLE TOP EDTA	Overnight with ice packs	\$ 19.00
Tiernatology	rcv/ir	Packed Cell Volume, Plasma Protein,	TONI EL TOT EDTA		7 13.00
Hematology	PCV/TP/FIB	Fibrinogen, Plasma Appearance	PURPLE TOP EDTA	Overnight with ice packs	\$ 25.00
	Plasma Protein	Plasma Protein	PURPLE TOP EDTA	Overwieht with increases	\$ 25.00
Hematology	Plasma Protein	Plasma Protein	PORPLE TOP EDTA	Overnight with ice packs	\$ 15.00
		Platalata Clida Platalat Fail and a Platalata		0 11 11 1	
		Platelets, Slide Platelet Estimate, Platelets		Overnight with ice packs	
Hematology	Platelet Count	Clumped, Platelet Morphology	PURPLE TOP EDTA		\$ 40.00
		Submit smear slides made from EDTAWB at		Overnight with ice packs	
Hematology	CBC Equine	time of draw	PURPLE TOP EDTA + 2 smear slides		\$ 75.00
		Submit smear slides made from EDTAWB		Overnight with ice packs	
Hematology	CBC Large Animal	at time of draw	PURPLE TOP EDTA + 2 smear slides		\$ 75.00
		Submit smear slides made from EDTAWB		Overnight with ice packs	
Hematology	CBC Small Animal	at time of draw	PURPLE TOP EDTA + 2 smear slides	Overnight with the packs	\$ 72.00
		Enzyme Immunoassay for enterotoxin			
Immunology	Clostridium Perfringens	detection	Feces in a leak-proof specimen container	Submit within 2 hours of collection	\$ 66.00
		Enzyme immunoassay for the detection of			
		toxins A & B produced by toxigenic strains of			
Immunology	Clostridium Difficile	C. difficile	Feces in a leak-proof specimen container	Submit within 2 hours of collection	\$ 66.00
Immunology	FELV,FIV Combo	SNAP Test	Purple, GREEN TOP LI HEP or red top tube	Overnight with ice packs	\$ 52.00
Immunology	SNAP 4Dx	SNAP Test	Purple, GREEN TOP LI HEP or red top tube	Overnight with ice packs	\$ 60.00
Immunology	Camelid IgG (RID)		RED TOP NO ADDITIVE	Separate serum within 2 hours of collection	\$ 81.00
	,				
			Fluids & tissues in sterile container or red top tube	Overnight or same day delivery. Samples should be kept cold and	
Microbiology	Acid Fast Stain		preferred; Culture swabs/culturettes also acceptable.	shipped on ice. Tissues should be kept moist.	\$ 15.00
WICCODIOLOGY	Acid i dat atam		preferred, editure swabs, editurettes also acceptable.		ý 15.00
			Anaerobe swab, if a swab is used. For fluids, submit in a		
			container with all air removed, such as a syringe (remove	Overnight or same day delivery. Samples should be kept cold and	
				shipped on ice. Tissues should be kept moist.	
			needle). For tissues, as large a piece as possible in a sterile		
Microbiology	Anaerobic Culture		container. Anaerobes die quickly in the presence of air.	Shiral transfer of the control of th	\$ 43.00
Microbiology	Blood Culture		Standard blood collection bottles only	Ship/store at room temperature. Overnight or same day delivery.	\$ 109.00
	5.000 Culture		Fresh Feces in sterile container; Cary Blair transport media	Overnight or same day delivery. Sample should be kept cold and	103.00
Microbiology	Campylobacter Culture		not recommended for culture	shipped on ice.	\$ 36.00
wherobiology	campyionacter culture		not recommended for culture	simpled office.	2 30.00
		Culturing bacteria from feces to identify the presence of		Overnight or same day delivery. Sample should be kept cold and	
		normal aerobic flora as well as to identify select pathogens, such as Salmonella ssp (from all animal		shipped on ice.	
		species) and Campylobacter ssp (canine and feline cases			
Microbiology	Small Animal Fecal Screen Culture	or upon request)	Fresh Feces in sterile, leak-proof container		\$ 55.00

Service Section	Test Name	Test Description	Sample Requirements	Shipping Requirements	Fee
		Culturing bacteria from feces to identify the presence of normal aerobic flora as well as to identify select pathogens, such as Salmonella ssp (from all animal species) and Campylobacter ssp (canine and feline cases		Overnight or same day delivery. Samples should be kept cold and shipped on ice.	
Microbiology	Large Animal Fecal Screen Culture	or upon request)	Fresh Feces in sterile, leak-proof container		\$ 47.00
Microbiology	Fungal Culture (Mycology)		DTM samples - Hair, nails, skin scrapings. All other fungal samples - fluids & tissues in sterile containers	Hair, nails, skin scrapings - Ship/store at room temperature. All other sources (tissue/fluids) should be kept cold and shipped on ice.	\$ 43.00
Microbiology	Gram Stain		Fluids & tissues in sterile container or red top tube preferred; Culture swabs/culturettes also acceptable.	Overnight or same day delivery. Samples should be kept cold and shipped on ice. Tissues should be kept moist.	\$ 15.00
Microbiology	MALDI ID		Isolated organism, no older than 48 hours on nonselective culture media	Overnight or same day delivery. Store/ship at room temperature only.	\$ 33.00
Microbiology	MRSA/MRSP Culture Screen	Only screens for Methycillin-resistant Staphylococcus spp.	Fluids & tissues in sterile container or red top tube preferred; Culture swabs/culturettes also acceptable.	Overnight or same day delivery. Samples should be kept cold and shipped on ice. Tissues should be kept moist.	\$ 33.00
Microbiology	Routine (Aerobic) Culture	Does not include antimicrobial susceptibility evaluation.	Fluids & tissues in sterile container or red top tube preferred; Culture swabs/culturettes also acceptable.	Overnight or same day delivery. Samples should be kept cold and shipped on ice. Tissues should be kept moist.	\$ 36.00
Microbiology	Routine (Aerobic) Culture + Sensitivity	Acceptable specimen sources include necropsy	Fluids & tissues in sterile container or red top tube preferred; Culture swabs/culturettes also acceptable. Fluids & tissues in sterile container or red top tube	Overnight or same day delivery. Samples should be kept cold and shipped on ice. Tissues should be kept moist. Overnight or same day delivery. Samples should be kept cold and	\$ 61.00
Microbiology	Mycoplasma Culture	tissue, respiratory samples, joint fluid, milk and urine. Contact lab if testing on other sample types is needed.	preferred; Culture swabs/culturettes also acceptable.	shipped on ice. Tissues should be kept moist.	\$ 28.00
Microbiology	Strep Equi Screen Culture		Fluids & tissues in sterile container or red top tube preferred; Culture swabs/culturettes also acceptable.	Overnight or same day delivery. Samples should be kept cold and shipped on ice. Tissues should be kept moist.	\$ 30.00
Molecular Diagnostics	Borrelia burgdorferi qPCR		Ticks submerged in ≥70% ethanol (≥1/2 adult tick, ≥1 nymph, or ≥5 larvae)		\$ 64.00
			Formalin-fixed Paraffin Embedded tissue block. Will accept but not validated for: 0.5mL serum (red top tube) or EDTA plasma (purple top tube), conjunctival swabs (dry), urine- any method of collection (sterile specimen container or red		
Molecular Diagnostics	Canine Distemper Virus PCR		top tube)	Freeze liquid samples; ship overnight with ice packs Whole blood: Samples should be stored in the refrigerator up to 6 hours or in the freezer if more than 6 hours. Nasal swabs (dry or in PBS): Submit to MICRO.	\$ 64.00
Molecular Diagnostics	Equine Herpesvirus 1 PCR	Non-neuropathogenic and neuropathogenic EVH-1	Equine whole blood (purple top tube), nasal swabs (dry or in PBS - not in culture media)	Store samples in the refrigerator up to 6 hours or in the freezer if more than 6 hours.	\$ 64.00
Molecular Diagnostics	Feline Coronavirus/FIP PCR		Formalin-fixed Paraffin Embedded tissue block. Will accept but not validated for: ascites fluid, 0.5mL (red top tube)		\$ 64.00
Molecular Diagnostics	Salmonella PCR		Preferred Matrices: greater than 1.0 mL or gram of fresh feces (preferable), feces in Cary Blair transport media DO NOT REFRIGERATE/FREEZE SAMPLE	If shipping, use Cary Blair transport media, do not use ice packs, ship overnight. If using courier, fresh preferred in sterile specimen container, do not use ice packs.	\$ 92.00
Molecular Diagnostics	Theileria Anaplasma Duplex qPCR	Bovine only. Detection of Theileria orientalis and Anaplasma marginale	EDTA WB (preferred), other anticoagulated blood specimens are acceptable		\$ 25.00

Service Section	Test Name	Test Description	Sample Requirements	Shipping Requirements	F	ee
		Bovine only. Detect and differentiate				
		between three strains of Theileria orientalis:	EDTA WB (preferred), other anticoagulated blood			
Molecular Diagnostics	Theileria Strain Differentation qPCR	Ikeda, Chitose, and Buffeli	specimens are acceptable		\$	64.00
			Ticks submerged in ≥70% ethanol (≥1/2 adult tick, ≥1			
Molecular Diagnostics	Anaplasma phagocytophilum	Detection of Anaplasma phagocytophilum	nymph, or ≥5 larvae)		\$	64.00
Parasitology	Heartworm Antigen Test	Dirofilaria, dogs & cats	PURPLE TOP EDTA	Ship samples overnight with ice.	\$	39.00
Parasitology	Knott's Test for Microfilariae	Microfilariae (heartworm)	PURPLE TOP EDTA	Ship samples overnight with ice.	\$	21.00
Parasitology	McMaster Camelid	Quantitative test when egg counts low (camelids, adult cattle)	2-4g of feces	Place fecal sample in an unbreakable, leak-proof container. <i>Exception</i> : For quantitative egg counts, place sample in plastic bags with a sealable top; express air out before sealing bag. Ship samples overnight with ice; prevent direct contact between ice and fecal sample. NOTE: For multiple submissions/herd testing, please contact Dr. Zajac at 540.231.7017.	\$	24.00
Parasitology	McMaster Standard	Quantitative test for small ruminants, horses, & cattle (cattle <2 years of age)	2-4g of feces in leak-proof container	Place fecal sample in an unbreakable, leak-proof container. <i>Exception</i> : For quantitative egg counts, place sample in plastic bags with a sealable top; express air out before sealing bag. Ship samples overnight with ice; prevent direct contact between ice and fecal sample. NOTE: For multiple submissions/herd testing, please contact Dr. Zajac at 540.231.7017.	\$	24.00
Parasitology	Zinc Sulfate Flotation Test	Routine flotation for parasite screening in small animals	2-5g of feces in leak-proof container	Place fecal sample in an unbreakable, leak-proof container. Ship samples overnight with ice; prevent direct contact between ice and fecal sample.	\$	30.00
Parasitology	Sedimentation	Small Animal: Fluke eggs Large Animals: Flukes	5-10g of feces in leak-proof container	Place fecal sample in an unbreakable, leak-proof container. Ship samples overnight with ice; prevent direct contact between ice and fecal sample. NOTE: For multiple submissions/herd testing, please contact Dr. Zajac at 540.231.7017.	Ś	21.00
1 di distology	Scamentation	Tukes	3 log of feees in leak proof container	Zajac at 040.201.7017.	7	21.00
		Small Animal: Flotation, including tapeworms, Physaloptera Large Animal: Qualitative, Routine screening, Eimeria		Place fecal sample in an unbreakable, leak-proof container. Ship samples overnight with ice; prevent direct contact between ice and fecal sample. NOTE: For multiple submissions/herd testing, please contact Dr. Zajac at 540.231.7017.		
Parasitology	Sheather's Sugar Float	macusaniensis in camelids, Cryptosporidium	2-5g of feces in leak-proof container		\$	30.00
		Small Animals: Nematode larvae (e.g. Strongyloides , Aleurostrongylus) *Requires 12-24 hours Large Animals: Nematode larvae		Place fecal sample in an unbreakable, leak-proof container. Ship samples overnight with ice; prevent direct contact between ice and fecal sample. NOTE: For multiple submissions/herd testing, please contact Dr. Zajac at 540,231,7017.		
Parasitology	Baermann Exam	(lungworms) *Requires 12-24 hrs	5-10g of feces in leak-proof container		\$	20.00
Parasitology	Parasite Identification	Small Animals: ID of helminth & arthropod parasites (e.g. adult worms, ticks, mites) Large Animals: ID of helminth & arthropod parasites (e.g. adult worms, ticks, mites)	Submit parasite in leakproof container	Place sample in an unbreakable, leak-proof container. Arthropod(s) preserved in 70% Alcohol (preferred) and worms in 10% Formalin (preferred). Ship samples overnight with ice. NOTE: For multiple submissions/herd testing, please contact Dr. Zajac at 540.231.7017.	\$	25.00
				Place fecal sample in an unbreakable, leak-proof container. Ship samples overnight with ice; prevent direct contact between ice and fecal sample.		
Parasitology	Giardia Antigen SNAP Test		5g of Feces in leak-proof container		\$	36.00
v		Comprehensive evaluation of organ systems- bacteriology, parasitology, histology included. Some ancillary testing available at additional costs (i.e. toxicology, PCR, etc.)-	Carcass- cooled to refrigeration temperatures, if possible.	Drop-off: call necropsy to coordinate at 231-4619. Mail: Refer to Necropsy Shipping Requirements	Greater tha \$242. Less t \$115	
5.11.1		notify necropsy lab if desired. Pricing is	Rabies vaccination status must be provided. Indicate	document posted on the website, avoid freezing		
Pathology	Necropsy	based on weight.	disposal preference on submission form.	carcasses		

Service Section	Test Name	Test Description	Sample Requirements	Shipping Requirements	Fee	e
		Histological evaluation of issue samples	Formalin-fixed tissues (1:10 tissue to formalin ratio	Overnight with absorbent material, ice packs		
		gathered from a field necropsy. Pricing is	recommended), leak-proof container (NO GLASS); see Field	recommended in summer months. Leaking samples may	1-3 sites- \$13	9, 4-9 sites
Pathology	Histology- Field Necropsy	based on sites or tissue location.	Necropsy Submission Guidelines	be assessed a HAZARD FEE.	\$178, 10+ site	es- \$214
		Histological evaluation of tissue samples.		Overnight with absorbent material, ice packs	rDVM single s	site- \$104:
		Pricing based on tissue sites or location of	Formalin-fixed tissues (1:10 tissue to formalin ratio	recommended in summer months. Leaking samples may	1-3 sites- \$139	
Pathology	Histology	biopsy or excision.	recommended), leak-proof container (NO GLASS)	be assessed a HAZARD FEE.	\$178, 10+ site	es- \$214
		Individual hady gramation with aches				
Pathology	Head Heart & Hooves Private Cremation	Individual body cremation with ashes shipped to the owner by the crematorium	Must be accompanied with a necropsy.	see necropsy shipping requirements		\$214.00
ratifology	nead heart & hooves Frivate Cremation	simpled to the owner by the crematorium	with a necropsy.	see necropsy snipping requirements		\$214.00
			Formalin fixed paraffin embedded (FFPE) tissues or			
		IIIC Claire afficial CD2 CD40 CD70 Frais	Unstained, FFPE tissue sections cut at 4-5µm, collected on			
		IHC Stains offered: CD3, CD18, CD79a, Factor	positively charged slides for a total of 5 slides per antibody			
		8, GFAP, anti-Mart-1-Melan A, CK-AE1/AE3,	requested. If ViTALS has performed the histology or			
		Vimentin, KI-67, NSE, and Iba-1	necropsy, please contact the laboratory to coordinate	Overnight, for paraffin blocks- ice packs recommended in		
			requesting IHC staining. Pricing is per antibody/per block or	summer months; for slides- package to prevent slides		
Pathology	Immunohistochemistry (IHC) Stains		slide site requested.	from damage during shipment.	Call for prid	cing
Dath alam.	Deivete Conservation 44 to 75 lbs	Individual body cremation with ashes	Must be accompanied with a necropsy. Must provide		Ś	172.00
Pathology	Private Cremation- 41 to 75 lbs.	shipped to the owner by the crematorium	animal's current weight.	see necropsy shipping requirements	>	172.00
		Individual body cremation with ashes	Must be accompanied with a necropsy. Must provide			
Pathology	Private Cremation- 76 to 100 lbs.	shipped to the owner by the crematorium	animal's current weight.	see necropsy shipping requirements	\$	186.00
<u> </u>						
		Individual body cremation with ashes	Must be accompanied with a necropsy. Must provide			
Pathology	Private Cremation- 101 to 150 lbs.	shipped to the owner by the crematorium	animal's current weight.	see necropsy shipping requirements	\$	207.00
Dathalas	Bell at a Constant I and the a 40 lbs	Individual body cremation with ashes	Must be accompanied with a necropsy. Must provide		\$	452.00
Pathology	Private Cremation- less than 40 lbs.	shipped to the owner by the crematorium	animal's current weight.	see necropsy shipping requirements	\$	152.00
		Individual body cremation with ashes returned to the owner by the crematorium	Must be accompanied with a necropsy. Must provide		contact n	ocropcy
Pathology	Private Cremation- Over 150 lbs.	using U.S. Postal Service	animal's current weight.	see necropsy shipping requirements	contact no	ecropsy
rathology	Filvate Clemation- Over 150 lbs.	Additional fee for Necropsy samples if the	animars current weight.	see necropsy snipping requirements		
		patient has never been in the VTH Vision			Ś	11.00
Pathology	Vision Assession Fee	system			Y	11.00
		•	Red Top, no additive tube: centrifuge the sample & transfer			
			the supernatant (serum) to a sterile container (red-top or	O contribute the transplant		
			plastic tube) before shipping. Do not submit in serum	Overnight with ice packs		
Special Chemistry	Cortisol (Post)	Cortisol (Post)	separator tubes (tiger tops)		\$	49.00
			Red Top, no additive tube: centrifuge the sample & transfer			
			the supernatant (serum) to a sterile container (red-top or	Overnight with ice packs		
			plastic tube) before shipping. Do not submit in serum	oreman men nee puoto		
Special Chemistry	Cortisol (Pre)	Cortisol (Pre)	separator tubes (tiger tops)		\$	49.00
			Red Top, no additive tube: centrifuge the sample & transfer			
			the supernatant (serum) to a sterile container (red-top or	Overnight with ice packs		
Charial Charrister	Phonoborbital	Dhanabarbital	plastic tube) before shipping. Do not submit in serum	·	\$	40.00
Special Chemistry	Phenobarbital	Phenobarbital	separator tubes (tiger tops)		Ş	49.00

Service Section	Test Name	Test Description	Sample Requirements	Shipping Requirements	Fee
			Red Top, no additive tube: centrifuge the sample & transfer	r	
			the supernatant (serum) to a sterile container (red-top or	Overnight with ice packs	
			plastic tube) before shipping. Do not submit in serum	Overnight with ice packs	
Special Chemistry	Progesterone	Progesterone	separator tubes (tiger tops)		\$ 49.00
			Red Top, no additive tube: centrifuge the sample & transfer	r	
			the supernatant (serum) to a sterile container (red-top or	Overnight with ice packs	
Special Chemistry	SNAP cPL	SNAP cPL	plastic tube) before shipping.		\$ 46.00
			Red Top, no additive tube: centrifuge the sample & transfer	r	
			the supernatant (serum) to a sterile container (red-top or	Overnight with ice packs	
			plastic tube) before shipping. Do not submit in serum	Overnight with ite packs	
Special Chemistry	T4	T4	separator tubes (tiger tops)		\$ 43.00
			Red Top, no additive tube: centrifuge the sample & transfer	r	
			the supernatant (serum) to a sterile container (red-top or	Overnight with ice packs	
			plastic tube) before shipping. Do not submit in serum	Overnight with ite packs	
Special Chemistry	T4, TSH	T4, TSH	separator tubes (tiger tops)		\$ 86.00
			Red Top, no additive tube: centrifuge the sample & transfer		
			the supernatant (serum) to a sterile container (red-top or	Overnight with ice packs	
			plastic tube) before shipping. Do not submit in serum	Overnight with ite packs	
Special Chemistry	TSH	TSH	separator tubes (tiger tops)		\$ 43.00
		Routine Urinalysis w/ specific gravity, fluid	RED TOP NO ADDITIVE; Must mark submission form with	Overnight with ice packs	
Urinalysis	Urinalysis	analysis, sediment exam	method of collection.	Overnight with ite packs	\$ 46.00
Urine Chemistry	UAMY	Urine Amylase	RED TOP NO ADDITIVE	Overnight with ice packs	\$ 17.00
Urine Chemistry	UCA	Urine Calcium	RED TOP NO ADDITIVE	Overnight with ice packs	\$ 15.00
Urine Chemistry	UCL	Urine Chloride	RED TOP NO ADDITIVE	Overnight with ice packs	\$ 17.00
Urine Chemistry	UCREA	Urine Creatinine	RED TOP NO ADDITIVE	Overnight with ice packs	\$ 17.00
Urine Chemistry	UEQGGT	Urine GGT	RED TOP NO ADDITIVE	Overnight with ice packs	\$ 19.00
Urine Chemistry	UGLU	Urine Glucose	RED TOP NO ADDITIVE	Overnight with ice packs	\$ 15.00
Urine Chemistry	UMG	Urine Magnesium	RED TOP NO ADDITIVE	Overnight with ice packs	\$ 15.00
Urine Chemistry	UPHOS	Urine Phosphorus	RED TOP NO ADDITIVE	Overnight with ice packs	\$ 15.00
Urine Chemistry	UK	Urine Potassium	RED TOP NO ADDITIVE	Overnight with ice packs	\$ 17.00
Urine Chemistry	UPRO	Urine Protein	RED TOP NO ADDITIVE	Overnight with ice packs	\$ 21.00
Urine Chemistry	UNA	Urine Sodium	RED TOP NO ADDITIVE	Overnight with ice packs	\$ 17.00
Urine Chemistry	UBUN	Urine Urea Nitrogen	RED TOP NO ADDITIVE	Overnight with ice packs	\$ 15.00