

Welcome to the Animal Diagnostic Lab!

This welcome packet will guide you through everything you need to get started with your submissions.

Step 1: Submit Your Request in LabOnline

We are pleased to announce that our new Laboratory Information System, **Clinisys LabOnline**, is now live and available for use.

LabOnline provides a secure online portal where you can:

- Schedule sample drop-offs
- Submit test requests electronically
- View and download laboratory reports
- Receive email notifications when new test results become available



First-Time Login Instructions

1. Go to the LabOnline login page: [Clinisys LabOnline Login Portal](#)
2. Enter your **Stanford SUNet ID** as your username
3. Click **“Forgot Password”** to create your password
4. Check your Stanford email for a password reset email from Clinisys
5. Follow the instructions in the email to complete your account setup
6. Once your password is created, log in and begin using LabOnline

Training or Assistance (Optional)

For assistance, please reach out to Jing Hu (Lab Manager): jingh@stanford.edu or the lab team at diagnosticlab@stanford.edu

Step 2: Schedule Your Sample Drop-Off Appointment

After submitting your request in LabOnline, schedule your sample drop-off appointment using the link below:

- **Calendly Scheduling Link:** <https://calendly.com/diagnostic-lab/sample-drop-off>

Please ensure your appointment is scheduled **before bringing samples to the lab** to allow for proper intake and processing.

Sample collection planning for hematology and/or clinical chemistry testing:

Step 1: What sample type do you need?

- a. **Hematology only:** Submit anticoagulated (unclothed) whole blood in **EDTA**. Blood should be submitted within 1-2 hours of collection, or refrigerated for a maximum of 4 hours prior to submission. Mix immediately after draw to reduce potential clotting.
- b. **Chemistry only:** Submit serum or Lithium Heparin plasma for most routine chemistries. View "Sample Type" on Page 2 of desired analytes. Whole blood can be submitted in the required tube for serum harvesting at the diagnostic lab if submission is within 2 hours of blood collection. Prolonged serum/plasma contact with RBC's will alter some analytes. If samples are being separated in your lab, please consult us for appropriate sample handling & storage strategies.
- c. **Hematology and chemistry:** submit a) anticoagulated whole blood in EDTA for hematology, and b) serum or plasma for chemistry (as above, serum or plasma can be refrigerated up to 24 hours prior to submission, or frozen in many cases – check with us first).

Step 2: What sample volume do you need?

- a. **Hematology:**
 1. A full CBC or any automated hematology test requires 250 μL of EDTA-anticoagulated whole blood. CBC's can be performed with a minimum of 150 μL of EDTA-anticoagulated blood in a microtainer, however, the blood to EDTA ratio will be off and may affect RBC morphology and MCV.
 2. A blood smear for differential or cellular morphology only requires 10 μL of EDTA-anticoagulated whole blood.
- b. **Chemistry:**
 1. To calculate the volume of serum or plasma needed, start with 50 μL (the "dead space" volume).
 2. To 50 μL , add the volume(s) needed for each test or panel (see Table page two).
 3. This is the total volume of serum or plasma needed. To calculate the volume of whole blood needed to obtain this amount of serum or plasma, multiply the number by 2.5.
*Example: If a liver panel will be ordered, add 50 μL (dead space volume) to 82 μL (volume needed for liver panel) = 132 μL of serum or plasma is needed.
For whole blood draw volume, multiply this by 2.5: $132 \mu\text{L} \times 2.5 = 330 \mu\text{L}$ of whole blood is needed.*

Notes about obtaining a good blood sample:

- 1) A good, clean, quick flowing blood draw is best for both CBC and chemistries. Slow draws can lead to clotting before the blood can be placed into the EDTA microtainer and also can contribute to hemolysis.
- 2) It is ok to draw a SMALL amount of heparin (1:1000 or more dilute) to "flush" the needle. We recommend filling the needle hub about halfway, no more. Our studies have shown that this small amount of heparin does not likely affect the platelet count, as long as the sample is placed into an EDTA tube for hematology. Ideally an EDTA "flush" can be used for hematology samples ONLY (EDTA is not acceptable for several chemistry analytes).
- 3) Be sure to fill anticoagulant tubes to proper volumes. The EDTA and lithium heparin microtainers should be filled between the lower and upper fill lines. Under-filling tubes may cause artifacts. Over-filling tubes can lead to sample clotting and rejection of the sample.
- 4) **Blood drawing training videos can be found at:** [Place link to website training videos](#)
- 5) If you need help with animal procedures, contact our veterinary staff at 650-724-5524 or visit <http://vsc.stanford.edu/services/vetmed.html#vettech>

Panel or test	Analyte(s):	Volume (µL)	Sample type
Complete Chemistry Panel	Alb, TP, AlkPhos, ALT, AST, GGT, Cholesterol, GLU, BUN, Creat, Ca, Phos, Bilirubin, Lytes, CO2	177	Serum, Plasma (LiH only)
Cardiac BioMarker Panel	BNP, CRP, Troponin I	40	Serum, Plasma (LiH, NaH)
Electrolyte Panel	Na, K, Cl, CO2	45	Serum, Plasma (LiH only)
Lipid Panel	Chol, Trig, HDL, LDL	13	Serum, Plasma (LiH, NaH)
Liver Panel	AST, ALT, Alk Phos, GGT, Bilirubin	82	Serum, Plasma (LiH, NaH)
Metabolic Panel	Glu, BUN, Creat, Lytes, CO2	71	Serum, Plasma (LiH only), Urine
PreClinical Toxicity Panel	Chemistry Panel plus CK, Triglyceride, GLDH, Urine S/G	245	Serum, Plasma (LiH only), Urine
Renal Panel	BUN, Creatinine, Phos, Alb, Lytes	74	Serum, Plasma (LiH only), Urine
Individual Tests:	AST	20	Serum, Plasma (LiH, EDTA)
	Albumin	3	Serum, Plasma (LiH, EDTA)
	Alkaline Phosphatase	7	Serum, Plasma (LiH, NaH)
	Ammonia	44	Plasma (LiH, EDTA)
	Amylase	10	Serum, Plasma (LiH, NaH)
	ALT	20	Serum, Plasma (LiH, EDTA)
	Bilirubin – Total	10	Serum, Plasma (LiH, EDTA)
	Bilirubin - Direct	10	Serum, Plasma (LiH, EDTA)
	BUN	3	Serum, Plasma (LiH, EDTA), Urine
	Calcium	5	Serum, Plasma (LiH, NaH)
	Chlorine (includes Na & K)	40	Serum, Plasma (LiH only), Urine
	Cholesterol	3	Serum, Plasma (LiH, EDTA)
	CO ₂ Enzymatic	5	Serum, Plasma (LiH only)
	BNP	8	Serum, Plasma (LiH, NaH)
	Na/K (includes Chlorine)	40	Serum, Plasma (LiH only), Urine
	CK - Total	14	Serum, Plasma (LiH, EDTA)
	Creatinine	20	Serum, Plasma (LiH, NaH, EDTA), Urine
	CRP (C-Reactive Protein)	12	Serum, Plasma (LiH)
	Electrolytes (potassium, sodium, and chloride)	40	Serum, Plasma (LiH only), Urine
	Fructosamine *	18	Serum, Plasma (EDTA)
	GGT	15	Serum, Plasma (LiH, EDTA)
	Globulin	13	Serum, Plasma (LiH, EDTA)
	GLDH *	20	Serum
	Glucose	3	Serum, Plasma (LiH, NaH, EDTA), Urine
	HDL	3	Serum, Plasma (LiH, NaH, EDTA)
	Hemoglobin A1C *	200	EDTA Whole Blood
	Iron, Total	25	Serum, Plasma (LiH, NaH)
	Lactic Acid *	4	Plasma (NaF only)
	LDH (Lactate Dehydrogenase)	8	Serum, Plasma (LiH, NaH)
	Lipase	3	Serum, Plasma (LiH, NaH)
	LDL	3	Serum, Plasma (LiH, NaH, EDTA)
	Magnesium	4	Serum, Plasma (LiH, NaH), Urine
	Microalbumin *	17	Urine
	Phosphorus	3	Serum, Plasma (LiH, EDTA), Urine
	Protein, Total	10	Serum, Plasma (LiH, NaH, EDTA)
	Tacrolimus *	200	EDTA Whole Blood
	TIBC (Total Iron Binding Capacity)	25	Serum, Plasma (LiH, NaH)
	Triglycerides	4	Serum, Plasma (LiH, NaH)
	Troponin I	20	Serum, Plasma (LiH, NaH)
	Uric Acid	10	Serum, Plasma (LiH, NaH, EDTA)

Sample Volume Requirement Example Sheet

For Serum or Plasma

Add **50 µL** to the total testing volume to account for the “dead space” volume.

Example: ALT + AST

- ALT: 20 µL
- AST: 20 µL
- Total: 40 µL
- The “dead space” volume: +50 µL
- **Total serum/plasma needed: 90 µL**

For Whole Blood

If **whole blood** will be submitted, first calculate the total serum/plasma volume needed, then multiply by **2.5**.

Example: Liver Panel

- Liver panel testing volume: 82 µL
- Dead volume: +50 µL
- Serum/plasma volume needed: 132 µL
- Whole blood conversion: $132 \mu\text{L} \times 2.5$
- **Total whole blood needed: 330 µL**

Quick Formula:

Serum/Plasma: Testing volume + 50 µL = Total needed

Whole Blood: Total serum/plasma volume $\times$ 2.5 = Total whole blood needed

* For these marked tests, please call or email the laboratory prior to sample collection and submission at (650) 725-8305 or diagnosticlab@stanford.edu

Hours: **Monday- Friday 8:00am – 5:00pm**
 University Holidays & Winter Break are observed
 Samples Submission deadline **3:30pm** unless prior
 arrangements have been made.
 Please contact lab for high volume samples.

Diagnostic Laboratory Services

Stanford Department of Comparative Medicine

Clinical Laboratory Specimen Submission:
 300 Pasteur Drive
 Away Building, 3rd Floor, Room M308
 (650) 725-8305
 Diagnosticlab@stanford.edu

Laboratory Rates for FY27

CODE	Chemistry (Single) Test Name	Federal Rate			Non-Federal Rate		
		1-10	11-19	20+	1-10	11-19	20+
2068	Albumin	\$25.73	\$23.13	\$20.29	\$46.54	\$41.84	\$36.71
2036	ALP (Alkaline Phosphatase)	\$25.54	\$22.82	\$20.11	\$46.20	\$41.28	\$36.37
2034	ALT (Alanine Aminotransferase)	\$25.30	\$22.59	\$19.87	\$45.77	\$40.86	\$35.95
2086	Amylase	\$26.73	\$24.02	\$21.30	\$48.36	\$43.45	\$38.54
2032	AST (Aspartate Aminotransferase)	\$25.32	\$22.60	\$19.89	\$45.80	\$40.89	\$35.97
2042	Bilirubin, Direct	\$25.35	\$22.63	\$19.92	\$45.85	\$40.94	\$36.03
2040	Bilirubin, Total	\$25.33	\$22.62	\$19.90	\$45.83	\$40.91	\$36.00
2330	BNP (NT- Brain Natriuretic Peptide)	\$51.97	\$49.25	\$46.53	\$94.01	\$89.09	\$84.18
2054	BUN (Blood Urea Nitrogen)	\$25.30	\$22.59	\$19.87	\$45.77	\$40.86	\$35.95
2224	CRP (C-Reactive Protein)	\$31.71	\$29.00	\$26.28	\$57.37	\$52.46	\$47.54
2060	Calcium	\$25.26	\$22.54	\$19.83	\$45.70	\$40.78	\$35.87
2046	Cholesterol	\$25.32	\$22.60	\$19.89	\$45.80	\$40.89	\$35.97
2074	CK (Creatinine Phosphokinase)	\$27.45	\$24.73	\$22.02	\$49.66	\$44.74	\$39.83
2118	CO2 (Bicarbonate)	\$25.63	N/A	N/A	\$46.36	N/A	N/A
2056	Creatinine	\$25.30	\$22.59	\$19.87	\$45.77	\$40.86	\$35.95
2038	GGT (Gamma-Glutamyl Transferase)	\$25.16	\$22.44	\$19.73	\$45.51	\$40.60	\$35.68
2183	GLDH (Glutamate Dehydrogenase)	\$34.24	N/A	N/A	\$61.94	N/A	N/A
2030	Glucose	\$25.39	\$22.68	\$19.96	\$45.93	\$41.02	\$36.11
2050	HDL (High Density Lipids)	\$26.57	\$23.86	\$21.14	\$48.07	\$43.16	\$38.25
2161	Hemoglobin A1C	\$104.43	N/A	N/A	\$188.91	N/A	N/A
2207	Total Iron	\$27.96	N/A	N/A	\$50.58	N/A	N/A
2175	Lactic Acid	\$27.32	N/A	N/A	\$49.42	N/A	N/A
2080	LDH (Lactate Dehydrogenase)	\$27.10	\$24.38	\$21.67	\$49.02	\$44.11	\$39.20
2052	LDL (Low Density Lipids)	\$29.36	\$26.65	\$23.93	\$53.12	\$48.20	\$43.29
2088	Lipase	\$26.28	\$23.57	\$20.85	\$47.54	\$42.63	\$37.72
2084	Magnesium	\$26.41	\$23.70	\$20.98	\$47.78	\$42.87	\$37.95
2062	Phosphorus	\$25.36	\$22.65	\$19.93	\$45.88	\$40.97	\$36.05
2066	Total Protein	\$25.33	\$22.73	\$19.90	\$45.83	\$41.13	\$36.00
2184	Troponin I	\$41.42	\$38.71	\$35.99	\$74.94	\$70.02	\$65.11
2048	Triglycerides	\$26.43	\$23.71	\$21.00	\$47.81	\$42.90	\$37.98
2082	Uric Acid	\$25.52	\$22.81	\$20.09	\$46.17	\$41.26	\$36.34
2138	Urine Creatinine	\$26.63	\$23.92	N/A	\$48.18	\$43.26	N/A
2136	Urine Protein	\$38.62	N/A	N/A	\$69.86	N/A	N/A
2140	Urine Protein/ Creatinine	\$52.44	N/A	N/A	\$94.86	N/A	N/A
2133	Urine Electrolytes	\$29.28	N/A	N/A	\$52.96	N/A	N/A



Website



Calendly

Scan the following **QR Codes** to be directed to our website where you can download our Diagnostic Lab submission forms or schedule your drop-off appointment with Calendly.

CODE	Chemistry Panel	Federal Rate			Non-Federal Rate		
	Test Name	1-10	11-19	20+	1-10	11-19	20+
2000	Chemistry Panel (Glu, AST, ALT, ALK, GGT, Bili, Chol, BUN, Creat, Ca, Phos, TP, Alb, Na, K, Cl, CO2)	\$54.28	\$48.84	\$43.41	\$98.19	\$88.36	\$78.53
2020	Chemistry Panel no Lytes (Glu, AST, ALT, ALK, GGT, Bili, Chol, BUN, Creat, Ca, Phos, TP, Alb)	\$40.10	\$34.66	\$29.23	\$72.54	\$62.71	\$52.88
2018	Avian Chemistry Panel (Glu, ALT, AST, GGT, Chol, Trig, Ca, Phos, BUN, Creat, TP, Alb, Uric, CK, LDH, Lytes)	\$57.74	N/A	N/A	\$104.45	N/A	N/A
2006	Lipid Panel (Chol, HDL, LDL, Trig)	\$46.05	\$40.62	\$37.67	\$83.31	\$73.49	\$68.15
2013	Liver Panel (ALT, ST, ALK, Bili, GGT)	\$40.37	\$34.94	\$29.51	\$73.04	\$63.21	\$53.38
2010	Metabolic Panel (BUN, Creat, Glu, NA, K, Cl, CO2)	\$45.47	\$40.04	\$34.61	\$82.26	\$72.43	\$62.60
2127	Renal Panel (BUN, Creat, Phos, Alb, Na, K, Cl, CO2)	\$46.10	\$40.67	\$35.23	\$83.39	\$73.56	\$63.74
2110	Electrolyte Panel (Na, K, Cl, CO2)	\$28.38	N/A	N/A	\$51.35	N/A	N/A
2019	Cardiac Biomarker Panel (Trop I, cCRP, NT-BNP)	\$83.61	\$67.31	\$72.74	\$151.25	\$121.77	\$131.60
2177	Reptile Comprehensive Chemistry Panel (Glu,AST,Ca,PO4,BUN, Creat,TP, Alb, CK,LDH,UA,Lytes)	\$57.06	N/A	N/A	\$103.23	N/A	N/A
2178	Toxicity	\$67.24	N/A	N/A	\$121.64	N/A	N/A

CODE	CBC & Chemistry Panels	Federal Rate			Non-Federal Rate		
940	Mouse Phenotyping Profile (CBC, Chem Panel, Lytes, gross necropsy and histological findings)	\$578.16			\$1,045.89		
944	Pre-Clinical Toxicity Profile I (CBC, Chem Panel, Lytes, Trig, CK, GLDH, urine SG, gross necropsy & histological findings)	\$527.87			\$954.91		
959	Pre-Clinical Toxicity Profile II (CBC, Chem Panel, Lytes, Trig, CK, urine SG)	\$100.13			\$181.13		
910	Avian Comprehensive Profile (CBC,Glu,ALT,AST,GGT,Chol,Ca,Po4,BUN,Creat,TP,Alb,UA,Lytes,Trig,CK,LDH)	\$118.57			\$214.50		
913	Macaque Physical Exam Profile (CBC/Chem Panel)	\$516.55			\$934.44		
922	Reptile Profile (CBC,Glu,AST,Ca,PO4,BUN,Create,TP,Alb,CK,LDH,UA,Lytes)	\$114.91			\$207.87		
		1-10	11-19	20+	1-10	11-19	20+
967-9	CBC & Lipid Profile	\$70.34	\$64.91	\$59.47	\$127.24	\$117.42	\$107.59
970-2	CBC & Liver Profile	\$64.66	\$59.23	\$53.79	\$116.97	\$107.14	\$97.31
901-3	CBC & Chemistry/Electrolytes Profile	\$86.62	\$81.28	\$75.84	\$156.70	\$147.03	\$137.20
964-6	CBC & Metabolic Profile	\$69.75	\$64.32	\$58.89	\$126.19	\$116.36	\$106.53
973-5	CBC & Renal Profile	\$70.38	\$64.95	\$59.52	\$127.32	\$117.49	\$107.67

CODE	Immunology/ Molecular	MFIA			PCR		
	Test Name	Code	Federal	Non-Federal	Code	Federal	Non-Federal
	Mouse Full Serology Panel (MHV, Sendai, MVM, MYCO, PVM, TMEV, LCMV, REO, EDIM, Ectromelia, MAV, MPV, MNV)	3000	\$66.75	\$120.75			
	Rat Full Serology Panel (RCV/SDA, Sendai, KRV, M.pul, PVM, TMEV, LCMV, REO, MAV, H-1, Hantaan, RPV, RMV)	3008	\$66.85	\$120.94			
Biomat M	Biological Materials PCR Panel (Mouse)				3361	\$647.08	\$1,170.58
Biomat M/R	Biological Materials PCR Panel (Mouse, Rat)				3357	\$776.45	\$1,404.61
Biomat R	Biological Materials PCR Panel (Rat)				3363	\$647.08	\$1,170.58
Brach	Brachyospira PCR				3484	\$79.30	\$143.46
C. Pili	Clostridium Piliiform Virus	3300	\$34.88	\$63.10	3428	\$148.32	\$268.32
Carb	Cilia-associated Respiratory Bacillus	3280 3282	\$34.88	\$63.10	3413	\$148.32	\$268.32
C. Bovis	Corynebacterium bovis				3800	\$130.97	\$236.93
CMV	Cytomegalovirus (Rat)				3371	\$148.32	\$268.32
E. Cuni	Encephalitozoon Cuniculi Virus	3139 3147	\$34.88	\$63.10	3403	\$148.32	\$268.32
ECTRO	Ectromelia (Mouse Pox)	3133	\$34.14	\$61.76	3333	\$148.32	\$268.32
EDIM	Mouse Rotavirus	3124	\$34.88	\$63.10	3332	\$148.32	\$268.32
MITE	Furmite				5047	\$151.23	\$273.57
H1	H-1 Virus	3209	\$34.88	\$63.10	3369	\$148.32	\$268.32
HANT	Hantavirus Hantaan	3219 3220	\$34.88	\$63.10	3341	\$148.32	\$268.32
HELICO	Helicobacter				3316	\$140.66	\$254.45
LAW	Lawsonia PCR	3467	\$148.32	\$268.32	3482	\$57.40	\$103.83
LCMV	Lymphocytic Choriomeningitis Virus	3103	\$34.14	\$61.76	3334	\$148.32	\$268.32
MHV	Mouse Hepatitis Virus	3027	\$34.88	\$63.10	3327	\$148.32	\$268.32
MNV	Mouse Norovirus	3204	\$34.88	\$63.10	3322	\$119.91	\$216.93
MPV	Mouse Parvovirus	3054	\$34.88	\$63.10	3324	\$148.32	\$268.32
MVM	Minute Virus of Mice	3053	\$34.14	\$61.76	3324	\$148.32	\$268.32
MYCO	Mycoplasma pulmonis Virus	3069	\$34.88	\$63.10	3325	\$148.32	\$268.32
P. PNEUM	Pasteurella pneumotropica PCR				3347	\$148.32	\$268.32
PIN	Pinworm				5043	\$148.32	\$268.32
PIN/MIT E	Pinworm & Mite PCR Panel				5044	\$220.25	\$398.43
POLY	Mouse Polyoma Virus	3079 3089	\$34.88	\$63.10	3335	\$148.32	\$268.32
PVM	Pneumonia Virus	3079	\$34.88	\$63.10	3328	\$148.32	\$268.32
RCV	Rat Coronavirus	3032	\$34.88	\$63.10	3372	\$148.32	\$268.32
SDAV	Sialodacryoadenitis Virus				3373	\$148.32	\$268.32
REO	Reovirus type 3 Virus	3116 3119	\$34.88	\$63.10	3331	\$148.32	\$268.32
SEOUL	Seoul Virus				3374	\$148.32	\$268.32
RPV	Rat Parvovirus	3309	\$33.98	\$61.47	3370	\$148.32	\$268.32
SALM	Salmonella PCR				3469	\$148.32	\$268.32
SEND	Sendai Virus	3039	\$34.88	\$63.10	3326	\$148.32	\$268.32
PRIA	Stanford Mouse 4 Virus PRIA				3354	\$349.77	\$632.73

PRIA	Mouse Fecal PRIA				3312	\$787.71	\$1,424.97
PRIA	Rat Fecal PRIA				3412	\$710.25	\$1,284.84
PRIA	Mouse Prevalent PRIA				3376	\$558.41	\$1,010.16
PRIA	Mouse Surveillance Plus PRIA				3377	\$913.18	\$1,651.95

CODE	Immunohematology	Federal	Non-Federal
3630	Blood Banking	\$92.03	\$166.48
3618	Blood Typing (Primate)	\$147.36	\$266.57
3600	Crossmatch	98.66	\$178.47

CODE	Miscellaneous	Federal	Non-Federal
8003	Shipping Charge (labor only)	\$16.89	\$30.56
8009	Shipping Charge (Diagnostic Exempt Samples- Ambient)	\$62.16	\$112.44
8000	Shipping Charge (Diagnostic Exempt Samples- Dry Ice, up to 5 lbs total weight)	\$70.00	\$126.63
8001	Shipping Charge (Infectious Samples)	\$164.88	\$298.27
2241	Serum/ Plasma Storage or Spin Down/ Sample Preparation	\$9.61	\$17.38
1206	Occult Blood	\$26.75	\$48.39

CODE	Blood Gas	Federal	Non-Federal
2251	iSTAT CG8	\$52.33	\$94.66
2252	Blood Gas Comprehensive Panel (pCO2, ctCO2, pO2, O2 Sat, HCO3, BE, NA, K, Ca, Cl, Glu, Lac, tHgb, HCT, F02, Hgb, FCO Hgb, Fmet, Hgb, FH Hgb)	\$50.09	\$90.61
2258	iSTAT Instrument Rental	\$69.66	\$126.01
2263	iSTAT CG8 Cartridge only (1)	\$45.01	\$81.42

CODE	Coagulation	Federal	Non-Federal
1250	Coagulation Panel (APTT, PT, Fibrinogen)	\$163.08	\$295.02
1256	APTT	\$66.95	\$121.11
1258	Fibrinogen	\$77.15	\$139.57
1254	Prothrombin Time	\$66.95	\$121.11
2258	iSTAT Instrument Rental	\$69.66	\$126.01
1271	ACT i-STAT: Cartridges (25)	\$394.38	\$713.44

CODE	Cytology/ Body Fluids	Federal	Non-Federal
4104	Bone Marrow (500 cells)	\$276.46	\$500.11
4164	CSF Analysis (Includes Cytology)	\$174.90	\$316.39
4070	Cytology	\$172.43	\$311.92
4052	Fluid Analysis (Includes Cytology)	\$165.29	\$299.00
4000	Urinalysis	\$38.14	\$69.00

CODE	Endocrinology/ Immunology	Federal	Non-Federal
3563	Primate Gamma Interferon (primate TB)	\$187.86	\$339.84
3504	Primate Measles	\$62.79	\$113.59
3502	Macaque Retrovirus Panel & Herpes B virus	\$234.23	\$423.73
3500	Macaque Retrovirus Panel (SRV, SIV, STLV by MFIA)	\$62.79	\$113.59
2282	T3	\$50.54	\$91.42
2288	T4	\$50.54	\$91.42
2290	T4, free	\$87.04	\$157.45
2280	Thyroid Panel (T3, T4, Free T4)	\$78.89	\$142.71
2303	Corticosterone	\$36.49	\$66.01
2322	Insulin	\$64.23	\$116.20

CODE	Hematology	Federal	Non-Federal
1000	CBC (Includes differential, platelet count and reticulocyte count)	\$41.24	\$74.59
1004	CBC for Exotics (amphibian, avian, fish, reptiles)	\$66.81	\$120.85
1006	Hemogram (Includes total white and red count, Retic, Hb, Hematocrit, Platelet)	\$28.34	\$51.27
1052	Differential Only	\$27.13	\$49.08
1056	Differential Only for Exotics (amphibians, avian, fish, reptiles)	\$38.90	\$70.37
1208	Extra stained blood smear	\$16.72	\$30.24
1168	Parasites (blood)	\$28.79	\$52.09
1028	Platelet Count	\$30.37	\$54.94
1212	Sedimentation Rate	\$47.72	\$86.32

CODE	Quarantine Panels	Federal	Non-Federal
950	Monkey: Old World Primate Quarantine Profile (CBC, Chem Panel, Amylase, Lipase, Serum Storage, Herpes B, Retrovirus Panel, MIGRA, Fecal Sedimentation, Enteric Culture)	\$961.50	\$1,739.35
3415	Mouse Quarantine PRIA PCR Profile (Parvo, MNV,MHV, Rotovirus, TMEV, Ecto, MAV, REO, PVM, Sendai, LCMV, M.Pul, Furmite/Pinworm, Demodex)	\$594.64	\$1075.69
3005	Mouse Quarantine Profile w/o Micro (MHV, Sendai, MVM, MYCO, PVM, TMEV, LCMV, REO, EDIM, Ectromelia, MAV, MPV, MNV, Endo & Ecto Parasites)	\$67.04	\$121.28
952	Monkey: New World Primate Quarantine Profile: Part A (CBC, Chem Panel, Lytes, Serum Storage, Fecal Sedimentation, , Enteric Culture)	\$284.51	\$514.68
953	Monkey: New World Primate Quarantine Profile: Part B (CBC, Chem Panel, Lytes, Serum Storage,Fecal Sedimentation)	\$187.73	\$339.60
3419	Rat Quarantine PRIA PCR Profile (Parvo, RCV, RTV, Seoul, MAV, REO, S. moniliformis, PVM, Sendai, LCMV, M.Pul, Furmite)	\$555.65	\$1005.17

CODE	Microbiology	Federal	Non-Federal
6111	Acid Fast Culture	\$389.99	\$705.50
6008	Acid Fast Stain	\$70.63	\$127.76
6006	Aerobic Culture	\$78.06	\$141.22
6411	Aerobic Sensitivity Panel (Cost per organism)	\$429.86	\$777.62
6026	Anaerobic Culture	\$101.87	\$184.27
6037	Blood Culture	\$120.16	\$217.37
6041	Campylobacter Culture	\$70.32	\$127.21
6170	Urine Culture	\$73.22	\$132.45
6000	Clostridium Difficile Toxin Test A/B	\$83.89	\$151.75
6076	Enteric Culture	\$100.74	\$182.24
6091	Environmental Survey	\$68.28	\$123.52

6101	Fungal Culture	\$139.65	\$252.63
6007	Gram Stain	\$25.60	\$46.30
6141	Primate Quarantine Culture	\$100.74	\$182.24
6220	Rodac plate Count (Environmental Surfaces)	26.09	\$47.20
6131	Salmonella Culture	\$79.53	\$143.86
6061	Shigella Culture	\$52.36	\$94.72
6230	Steri Swab Culture (Environmental Surfaces)	\$40.71	\$73.65
6191	Total Plate Count	\$73.28	\$132.56
6196	Water Microbial Plate Count (Membrane Filtration)	\$77.92	\$140.96
6130	Chlorine Dioxide Sterilization Verification Culture	\$30.35	\$54.91
6162	Rodent Enteric Culture	\$100.74	\$182.24
6161	Rodent Respiratory Culture	\$73.99	\$133.85
6056	Aerobic Biolog ID (isolate 1)	\$63.97	\$115.73
6201	Pseudomonas Plate count	\$73.28	\$132.56

CODE	Parasitology	Federal	Non-Federal
1168	Blood Parasites	\$28.79	\$52.09
5046	Ectoparasites	\$18.79	\$33.99
5048	Giardia Antigen (ELISA)	\$64.70	\$117.04
5050	Cryptosporidium Antigen (ELISA)	\$41.34	\$74.78
5010	Ova & Parasites (Concentration)	\$51.37	\$92.93
5000	Ova & Parasites (Flotation)	\$24.21	\$43.79
5006	Ova & Parasites (Fresh Direct Smear)	\$24.14	\$43.66
5004	Ova & Parasites (Non-Human Primate)	\$100.63	\$182.05
5042	Pinworm (Tape Test)	\$18.44	\$33.35
5030	Trichrome Stain	\$100.63	\$182.05

CODE	Water Testing	Federal	Non-Federal
2360	Aquatic Panel (pH, Cond, Chlorine, Nitrite, Nitrate, Monochloramine, Copper, Dissolved O2, Hardness, Alkalinity)	\$103.08	\$186.48
2361	Mini panel for Aquatic Tanks (pH, Cond, Ammonia, Nitrate, Nitrite, Dissolved Oxygen)	\$56.45	\$102.13
2372	Ammonia	\$29.86	\$54.01
2376	Nitrate	\$22.53	\$40.75
2377	Monochloramine	\$19.69	\$35.62
2368	pH	\$18.45	\$33.38
2370	Conductivity	\$18.85	\$34.09
2378	Chlorine, Total (mgL or ugL)	\$20.32	\$36.76
2379	Chlorine, Free	\$18.51	\$33.48
2380	Copper	\$23.45	\$42.41
2382	Dissolved Oxygen	\$18.06	\$32.67
2405	Monochloramine	\$19.69	\$35.62
2460	Hardness	\$18.90	\$34.20
6196	Water Microbial Plate Count (Membrane Filtration)	\$77.92	\$140.96

CODE	Fish Testing	Federal	Non-Federal
3671	CRL Zebrafish Mycobacterium PCR Panel (abscessus, chelonae, fortuitum, haemophilum, marinum, peregrinum)	\$488.22	\$883.19
3674	CRL Stanford Custom Fish Environmental PRIA (3671 + Pseudocapillaria tomentosa)	\$461.16	\$834.24
3668	CRL Stanford Custom Fish Basic PRIA (3674 + Pseudoloma neurophilia, Myxidium streisingeri, Picornavirus)	\$517.47	\$936.10
3675	CRL Stanford Custom Fish Expanded PRIA (3668 + ISKNV, Pleistophora hyphessobryconis)	\$529.85	\$958.49
3676	CRL Stanford Custom Fish Quarantine PRIA (3675 + E.ictaluri, F.columnare, I.multifilis, P.pillulare)	\$580.02	\$1049.25
3670	CRL Zebrafish Surveillance Plus PCR Panel (3676 + Saprolegnia brachydanis, IPNV, Aeromonas hydrophilia, <u>NO</u> M. streisingeri & Picornavirus)	\$614.19	\$1,111.06
3673	Idexx Zebrafish Essential PCR Panel (3668 + E.ictaluri, Myco.gordonae, Myco.saopaulense)	\$488.99	\$884.59
3672	Idexx Zebrafish Comprehensive PCR Panel (3673 + F.columnare, I.multifilis, P.pillulare, ISKNV, Pleistophora hyphessobryconis)	\$739.78	\$1,338.25

Diagnostic Lab Sample Submission Form

Stanford University, Department of Comparative Medicine

Open Monday- Friday 8am to 5pm, last submission 3:30pm Contact us at: (650) 725-8305 or Email: diagnosticlab@stanford.edu

PI:	Animal ID(S):					
RP:						
Contact(s):	Barcode:			Age:	Sex:	*STAT: ☐
PTA:	Bldg:	Rm:	Species:	Breed/Strain:	VSC Sample(s)? ☐	
Protocol:	Collection (Date/Time):			Submission Date:	Samples	
Send Copy of Results to:	Billed: ☐			Results in Excel Format: ☐	Received (DX only)	

Clinical Summary/History

Priority List:

Chemistry
(Please fill priority List)
Albumin ☐
Alkaline Phosphatase (ALP) ☐
Alanine Aminotransferase (ALT) ☐
Amylase ☐
Aspartate Aminotransferase (AST) ☐
Bilirubin Total ☐
Bilirubin Direct ☐
Blood Urea Nitrogen (BUN) ☐
BNP ☐
Calcium ☐
Chloride ☐
Cholesterol ☐
CO2 ☐
Creatinine ☐
Creatinine Phosphokinase (CK) ☐
CRP ☐
Ferritin (mouse) ☐
Gamma-Glutamyl Trans. (GGT) ☐
Glucose ☐
GLDH ☐
HDL/LDL ☐
Hemoglobin A1C ☐
Lactic Acid ☐
Lipase ☐
Magnesium ☐
Phosphorus ☐
Potassium ☐
Sodium ☐
TIBC ☐
Total Iron ☐
Total Protein ☐
Troponin I ☐
Triglyceride ☐
Uric Acid ☐

Other:

Chemistry Panels
(Please fill priority List)
Avian Comprehensive Panel ☐
Cardiac Biomarker Panel ☐
Chemistry Panel With Electrolytes: ☐
Electrolyte Panel ☐
Lipid Panel ☐
Liver Panel With GLDH: ☐
Metabolic Panel ☐
Reptile Panel ☐

Other:

Hematology
CBC (incl. differential, platelet count & retic) ☐
Differential Only ☐
Extra Slide ☐
Type of Stain: ☐
ESR (Sedimentation Rate) ☐

Other:

Diagnostic Combo Profile
CBC/Chem/Electrolytes ☐
CBC/Liver ☐
CBC/Metabolic ☐
CBC/Lipid ☐
Pre-Clinical Toxicity Panel ☐

Other:

Parasitology
Ectoparasite (skin scrape) ☐
Ova & Parasite: Float ☐ Sediment ☐
Parasitology Panel (NHP/Pig) ☐
Protozoal Stain ☐

Other:

Microbiology
Aerobic Culture ID Source(s): Sensitivity: ☐
Anaerobic Culture ID Source(s):
Blood Culture Sensitivity: ☐
Campylobacter ☐
Colony Count ☐
Clostridium Difficile ☐
Enteric Culture (incl. campy, salmonella, shigella, yersinia) ☐
Environmental Culture Source(s):
Fungal Culture Source(s):
Gram Stain ☐
Rodac Plate Sources:
Urine Culture Collection Source(s): Sensitivity: ☐
Other:

Water Quality
RO Water Panel (incl. pH, conductivity, monochloramine) ☐
Comprehensive Aquatic Panel (incl. Mini Panel, dissolved O2, monochloramine, hardness, alkalinity) ☐
Mini Aquatic Panel (incl. PH, ammonia, nitrate, nitrite, conduct) ☐
Copper ☐
Phosphorus ☐
Free Chlorine ☐
Total Chlorine ☐
Other:

Additionally Available
Biological Mat. Pathogen PCR ☐
Blood Gas Analyzer Usage ☐
Blood Spin & Storage ☐
i-Stat Rental ☐
Other:

Endocrinology
Cortisol ☐
Estradiol ☐
Fructosamine ☐
Insulin ☐
Progesterone ☐
Testosterone ☐
Thyroid Panel ☐

Other:

Urine
Urinalysis ☐
Urine Creatinine ☐
Urine Electrolytes ☐
Urine Glucose ☐
Urine Protein ☐

Other:

Fluid Analysis
(Please fill source)
Bone Marrow Cyto ☐
CSF (protein, cell count, cyto) ☐
Cytology ☐
Cytospin Only ☐
Cell Count ☐
Fluid Analysis (w/cyto, cell cnt) ☐

SOURCE:

*STAT- ADDITIONAL CHARGES APPLY



Located at 300 Pasteur Drive
Always Building, 3rd Floor,
RoomM308

Diagnostic Lab Sample Submission

Stanford University, Department of Comparative Medicine

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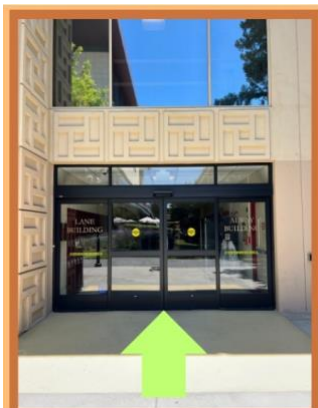
PI

Date

Please use this form for large batch submissions

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Lane&Alway
Building entrance



Take the Elevator
to the left, 3rd Fl



DIAGNOSTIC LAB LOCATION: **300 Pasteur Dr** **Alwa, Building 3rd fl M308**



Room M308 will be
on the right



Take the door on
the left to enter
the corridor

