

CLINICAL PATHOLOGY SERVICES SUBMISSION FORM

RADIL (Research Animal Diagnostic Laboratory)

http://www.radil.missouri.edu

SHIP SAMPLES TO: RADIL, 4011 Discovery Drive, Columbia, MO 65201

573 884-7521 (FAX)

800-669-0825 (Toll Free)

573 882-5983 (Customer Service)

SUBMITTER INFORMATION:

NAME _____

INST. / FIRM _____

ADDRESS _____

CITY _____ ST _____ ZIP _____

COUNTRY _____

PHONE #: _____

FAX #: _____

E-MAIL: _____

Case report will be sent to the e-mail address provided.

SHIPPING DATE _____

TOTAL # OF SAMPLES _____

BILL TO:

INST. / FIRM _____

ATTN _____

ADDRESS _____

CITY _____ ST _____ ZIP _____

PHONE #: _____

E-MAIL: _____

PO Number: _____

Credit Card: VISA ___ MasterCard ___ Discover ___

Card #: _____ EXP: ____ / ____

Card Holder's Name: _____

Are you aware of any potential human health hazards, including radioactivity, associated with these sera/blood? Yes ___ No ___

If yes, state nature _____

Remarks/Study Number/Special Instructions: (This information will appear on page 1 of report)

(Please continue to page 2)

RADIL Clinical Pathology Submission Form

FOR RADIL USE ONLY

Case # _____

Species: _____

Sample Description:

- Plasma from lithium heparin
- Serum (alternative sample for chemistries)
- Blood in EDTA anticoagulant and blood smear (for CBC)
- Other, please specify _____

	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID
1	_____	6	_____	11	_____	16	_____
2	_____	7	_____	12	_____	17	_____
3	_____	8	_____	13	_____	18	_____
4	_____	9	_____	14	_____	19	_____
5	_____	10	_____	15	_____	20	_____

Note: If different test panels are required for different animals, please submit separate submission forms

CLINICAL CHEMISTRY:

Volumes of serum/plasma required:

1-4 analytes – 75ul; 4-8 analytes – 100ul;

8-12 analytes – 125ul; >12analytes– 200ul

Test

- Alanine Transaminase (ALT)
- Albumin (Alb)
- Alkaline Phosphatase (ALP)
- Aspartate aminotransferase (AST)
- Blood Urea Nitrogen (BUN)
- Bile Acids (BA)
- Calcium (Ca)
- Chloride (Cl)
- Cholesterol (Chol)
- Creatine kinase (CK)
- Creatinine (Creat)
- Gamma Glutamyl transferase (GGT)
- Glucose (Gluc)
- Lactate dehydrogenase (DLH)
- Phosphorous (PO₄)
- Potassium (K)
- Sodium (Na)
- Total bilirubin (Tbil)
- Total Protein (TP)
- Triglycerides (Trig)
- Urine Creatinine
- Urine Electrolytes
- Urine Protein

OTHER:

- Complete Profile (**200ul of serum/plasma** - Glucose, Urea nitrogen (UN), Creatinine, Total Protein, Albumin, Globulins, Phosphorus, Sodium, Chloride, Potassium, Total CO₂, Anion gap, Cholesterol, Triglycerides, Calcium, Total Bilirubin, ALP, ALT, GGT) *NOTE: For genetically engineered rodent phenotyping protocols, the Complete Chemistry Profile is recommended.*
- Renal Profile (**125ul of serum/plasma** - UN, Creatinine, Phosphorus, Sodium, Chloride, Potassium, Albumin, Calcium)
- Liver Profile (**125ul of serum/plasma** - Total protein, Albumin, ALP, GGT, ALT, Total bilirubin, Cholesterol)
- Muscle Profile (**100ul of serum/plasma** - AST, CK, ALT, LDH)

Hematology

- CBC (**50ul of whole blood in EDTA or heparin tube** – includes red blood cell, white blood cell and platelet parameters)
- Blood smear review (unstained blood smear for review)
- Bone marrow cytology (unstained bone marrow smear, does not include a cell differential)

Cytology

- Cytologic exam
- Fluid analysis (Submit fluid in EDTA tube – includes total nucleated cell count, total protein, specific gravity and cytologic interpretation)

Urinalysis

- Urinalysis (includes dipstick, sediment exam)
- Urine electrolytes, creatinine or protein