



FY21 Regional Biocontainment Laboratory (RBL) Services and Fees

Please note that internal prices will increase by 3% each fiscal year.

The pricing structure listed below is effective as of July 1, 2020. A variety of veterinary procedures, and study specific services, including molecular and immunology services, are offered by the RBL to support animal studies or in vitro studies. For a custom project, please inquire with the RBL Scientific Program Manager, Dr. Dong Yang.

PER DIEM ANIMAL CHARGES:

<u>Item</u>	<u>Cost</u>	<u>Unit</u>
Mice (4 per cage):		
ABSL2 per diem, internal	\$0.94	cage/day
ABSL2 per diem, commercial	\$1.22	cage/day
ABSL3 per diem, internal	\$1.04	cage/day
ABSL3 per diem, commercial	\$ 2.58	cage/day
Rats (2 per cage):		
ABSL2 per diem, internal	\$ 2.37	cage/day
ABSL2 per diem, commercial	\$3.08	cage/day
ABSL3 per diem, internal	\$3.03	cage/day
ABSL3 per diem, commercial	\$3.94	cage/day
Hamster (1-2 per cage):		
ABSL2 per diem, internal	\$2.37	cage/day
ABSL2 per diem, commercial	\$3.08	cage/day
ABSL3 per diem, internal	\$3.03	cage/day
ABSL3 per diem, commercial	\$3.94	cage/day
Guinea Pig or Cotton Rat (1 per cage):		
ABSL2 per diem, internal	\$ 2.37	cage/day
ABSL2 per diem, commercial	\$3.08	cage/day
ABSL3 per diem, internal	\$3.03	cage/day
ABSL3 per diem, commercial	\$3.94	cage/day
Ferret (2 per cage):		
ABSL2 per diem, internal	\$5.77	cage/day
ABSL2 per diem, commercial	\$9.07	cage/day
ABSL3 per diem, internal	\$6.92	cage/day
ABSL3 per diem, commercial	\$11.79	cage/day

PPE-ROOM CHARGES: BSL2, BSL3 or ABSL3:**INTERNAL**

<u>Item</u>	<u>Cost</u>	<u>Unit</u>
BSL-2 shared, internal:	N/A	day
BSL-2 exclusive use rate, internal:	\$ 29.71	day
BSL-3 shared, internal:	\$9.55	day
BSL-3 exclusive use rate, internal:	\$29.71	day
Pathogen Storage (long term):	\$3.00	day

COMMERCIAL

<u>Item</u>	<u>Cost</u>	<u>Unit</u>
BSL-2 shared, commercial:	\$53.05	day
BSL-3 shared, commercial:	\$106.09	day
Sample Storage (long term):	\$3.83	day

INSTRUMENTATION

Cost estimates for instrumentation. NOTE: Costs do not include consumables, labor or PPE.

<u>Item</u>	<u>Cost</u>	<u>Unit</u>
QuantStudio 6 qPCR		
Internal	\$10.61	per run
Commercial	\$17.19	per run
EnVision Microplate Reader		
Internal	\$10.61	per run
Commercial	\$17.19	per run
Synergy 2 Microplate Reader:		
Internal	\$5.30	per run
Commercial	\$8.59	per run
Luminex FX-200:		
Internal	\$10.61	per run
Commercial	\$40.32	per run
MagPix:		
Internal	\$26.52	per run
Commercial	\$53.05	per run
Illumina MiSeq System:		
Internal	\$111.39	per run
Commercial	\$144.81	per run

MultiFlo FX:		
Internal	\$10.61	per run
Commercial	\$26.52	per run

Janus high-throughput robot:		
Internal	\$84.87	per run
Commercial	\$111.39	per run

BioAnalyzer:		
Internal	\$10.61	per run
Commercial	\$40.32	per run

CLC Software:		
Internal	\$10.00	per run
Commercial	\$13.00	per run

Bead Mill		
Internal	\$10.61	per run
Commercial	\$26.52	per run

IVIS Spectrum Bio-Imager:		
Unassisted, internal	\$106.09	per hour
Operator assisted, internal	\$135.86	per hour
Operator assisted, commercial	\$220.61	per hour

BANG (aerosol delivery device):		
Setup charge, internal	\$53.05	run
Setup charge, commercial	\$85.93	run
Decon. charge, internal	\$53.05	run
Decon. charge, commercial	\$85.93	run

IN VITRO SERVICES

Virology services

<u>Item</u>	<u>Cost</u>	<u>Unit</u>
Virus Isolation, internal:	\$217.00	sample
Virus Isolation, commercial:	\$351.54	sample
Virus Plaque Assay, internal (labor not included)	\$50.58	sample
Virus Plaque Assay, commercial	\$65.75	sample
Virus PRNT (titer reduction) Assay, internal	\$800.00	5 samples plus controls
Virus PRNT (titer reduction) Assay, commercial	\$1,040.00	5 samples plus controls

Viral TCID CPE Assay, internal:	\$53.02	96-well
Viral TCID CPE Assay, commercial:	\$68.92	96-well
Viral TCID HI Assay, internal	\$53.02	sample
Viral TCID HI Assay, commercial	\$68.92	sample
RNA Isolation (Qiagen- Kingfisher) internal	\$29.00	sample
RNA Isolation (Qiagen- Kingfisher) commercial	\$37.00	sample
RNA Isolation (Trizol) \qRTPCR , internal	\$53.26	sample
RNA Isolation (Trizol)/ qRTPCR , commercial	\$69.24	sample
Viral Neutralization Test, internal:	\$563.59	Plate (1-20 samples- duplicate)
Viral Neutralization Test, commercial:	\$910.00	Plate (1-20 samples- duplicate)
iral Antiviral HTS Test, internal:	\$200.00	1 compound
Viral Antiviral HTS Test, commercial:	\$260.00	1 compound
Viral Antiviral HTS Test, internal:	\$120.00	3 compound
Viral Antiviral HTS Test, commercial:	\$150.00	3 compounds
Viral Antiviral HTS Test, internal:	\$60.00	10 compounds
Viral Antiviral HTS Test, commercial:	\$78.00	10 compounds
Custom Viral Antiviral HTS Test, internal:	\$ 250.00	1 compound
Custom Viral Antiviral HTS Test, commercial:	\$310.00	1 compound
Custom Viral Antiviral HTS Test, internal:	\$170.00	3 compound
Custom Viral Antiviral HTS Test, commercial:	\$210.00	3 compounds
Custom Viral Antiviral HTS Test, internal:	\$158.00	10 compounds
Custom Viral Antiviral HTS Test, commercial:	\$170.00	10 compounds

Immunology services - full service multiplex bead based assay (Cytokines)

<u>Item</u>	<u>Cost</u>	<u>Unit</u>
<i>Samples (40-80) and kit provided by PI</i>		
Luminex		
internal	\$285.00	per plate
commercial	\$ 370.50	per plate
Magpix-BSL2		
internal	\$311.50	per plate
commercial	\$404.95	per plate
Magpix-BSL3 (includes PPE)		
internal	\$331.68	per plate
commercial	\$510.95	per plate

Tissue Homogenization

<u>Item</u>	<u>Cost</u>	<u>Unit</u>
BSL2		
<i>per 40 samples</i>		
internal	\$ 59.85	(6.50/tissue)
commercial	\$390.81	(9.80/tissue)
BSL3		
<i>per 40 samples</i>		
internal	\$259.85	(6.50/tissue)
commercial	\$443.90	(11.10/tissue)

Includes labor and materials for single cell isolation, counting and aliquoting to flow tubes - NO PPE

Flow cytometry prep

<u>Item</u>	<u>Cost</u>	<u>Unit</u>
<u>Internal</u>		
Spleen	\$25.00	sample
Inguinal lymph nodes	\$25.00	sample
Lung	\$55.00	sample
Brain	\$55.00	sample
Intestine	\$55.00	sample
<u>Commercial \$400 minimum (or 10 sample minimum)</u>		
Spleen	\$25.00	sample
Inguinal lymph nodes	\$25.00	sample
Lung	\$55.00	sample
Brain	\$55.00	sample
Intestine	\$55.00	sample

Flow Cytometry staining - using our flow cytometry panels (quotes for other markers will be customized)

Internal	\$2.00	sample
Commercial	\$32.00	sample

Flow cytometer run

Internal	ILAB	Go to FCCS Core iLab page to Sign Up for BSL3
Commercial	\$78.72	hour

PATHOLOGY (BSL3 Tissues Only- Limited – User Should Discuss with Director first)

<u>Item</u>	<u>Cost</u>	<u>Unit</u>
Decalcification	\$8.49	specimen
Paraffin processing only (no embedding):	\$2.66	cassette
Paraffin process and embedding:	\$3.18	block
First and additional unstained slides:	\$2.66	slide
Unstained slides, but <i>levels requested*</i> :	\$6.37	slide
Recut of previously faced paraffin block:	\$2.66	slide
H&E staining of cut slides:	\$3.72	slide
Trichrome staining of cut slides:	\$19.10	slide
PAS staining of cut slides:	\$15.91	slide
Other special stains of cut slides:	TBD	slide
Antibodies	purchase cost	unit

CLINICAL CHEMISTRY AND HEMATOLOGY SERVICES:

<u>Item</u>	<u>Cost</u>	<u>Unit</u>
Clinical Chemistry:		
Chemistry panels	\$25.30	Set up fee, per run
Operator assisted, internal	\$23.38	per sample
Commercial, assisted	\$46.75	per sample
Hematology:		
Sample preparation	\$15.00	set up fee, per run
Operator assisted, internal	\$10.30	per sample
commercial	\$22.35	per sample

ISO/ASTM and GLP are available but will incur additional costs.