

FY24 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, 2023. 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.

CAGE PER DIEM FOR ANIMAL STUDIES:

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
Mice (4 per cage)		
ABSL2/3 per diem, internal	\$1.29	cage/day
ABSL2/3 per diem, commercial	\$1.62	cage/day
Rats, Cotton rat (2 per cage)		
ABSL2/3 per diem, internal	\$2.76	cage/day
ABSL2/3 per diem, commercial	\$4.08	cage/day
Hamster (1-2 per cage)		
ABSL2/3 per diem, internal	\$2.76	cage/day
ABSL2/3 per diem, commercial	\$4.08	cage/day
Guinea Pig or Cotton Rat (1 per cage)		
ABSL2/3 per diem, internal	\$2.99	cage/day
ABSL2 per diem, commercial	\$4.08	cage/day
Ferret (2 per cage)		
ABSL2/3 per diem, internal	\$9.10	cage/day
ABSL2/3 per diem, commercial	\$12.03	cage/day

PPE-ROOM CHARGES: BSL2, BSL3 or ABSL3:

INTERNAL

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
BSL-2 PPE	\$5.30	per day
BSL-3/ABSL-2 PPE Fee	\$10.44	per day
ABSL-3 PPE Fee	\$32.47	per day
Dedicated Suite (Sole Use)	\$32.47	per day
Pathogen Storage (long term)	\$3.28	per box

PPE-ROOM AND FACILITY USE CHARGES: BSL2, BSL3 or ABSL3:

COMMERCIAL

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
BSL-2/ABSL-2 PPE Fee	\$57.98	per day
BSL-3/ABSL-3 PPE Fee	\$115.94	per day
BSL-3 Facility Use Fee	\$65.57	per day
Sample Storage (long term)	\$4.06	per box

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	\$11.60	per run
Commercial	\$18.79	per run
EnVision Microplate Reader		
Internal	\$11.60	per run
Commercial	\$18.79	per run
Synergy 2 Microplate Reader		
Internal	\$5.79	per run
Commercial	\$9.39	per run
Luminex FX-200		
Internal	\$11.60	per run
Commercial	\$44.06	per run
MagPix		
Internal	\$28.98	per run
Commercial	\$57.97	per run
Illumina MiSeq System		
Internal	\$121.72	per run
Commercial	\$158.23	per run
MultiFlo FX		
Internal	\$11.60	per run
Commercial	\$28.98	per run
BioAnalyzer		
Internal	\$11.60	per run
Commercial	\$44.06	per run
CLC Software		
Internal	\$10.93	per run
Commercial	\$14.21	per run
Bead Mill		
Internal	\$11.60	per run
Commercial	\$28.98	per run
IVIS Spectrum Bio-Imager		
Unassisted, internal	\$115.92	per run
Operator assisted, internal	\$148.46	per run
Operator assisted, commercial	\$241.07	per run
Cytek Aurora Spectral Cytometer		
Internal	\$71.64	per run
Commercial	\$93.13	per run
CTL EliSpot		
Internal	\$10.30	per run
Commercial	\$13.39	per run

IN VITRO SERVICES:

Virology services, number of samples also includes any controls included in experiment

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
Virus Isolation, internal	\$237.12	per sample
Virus Isolation, commercial	\$384.14	per sample
Virus Plaque Assay, internal (labor not included)	\$55.27	per sample
Virus Plaque Assay, commer. (labor not included)	\$71.84	per sample
Virus PRNT (titer reduction) Assay, internal	\$874.18	1-5 samples
Virus PRNT (titer reduction) Assay, commercial	\$1,136.44	1-5 samples
Viral TCID CPE Assay, internal	\$57.94	96-well
Viral TCID CPE Assay, commercial	\$75.31	96-well
Viral TCID HI Assay, internal	\$57.94	per sample
Viral TCID HI Assay, commercial	\$75.31	per sample
RNA Isolation (Qiagen-Kingfisher) internal	\$31.69	per sample
RNA Isolation (Qiagen-Kingfisher) commercial	\$40.43	per sample
RNA Isolation (Trizol) \qRTPCR, internal	\$58.20	per sample
RNA Isolation (Trizol)/ qRTPCR, commercial	\$75.66	per sample
Viral Antiviral HTS Test, internal	\$218.55	1 compound
Viral Antiviral HTS Test, commercial	\$284.11	1 compound
Viral Antiviral HTS Test, internal	\$131.13	3-7 compds.
Viral Antiviral HTS Test, commercial	\$163.91	3-7 compds.
Viral Antiviral HTS Test, internal	\$65.56	8 compounds
Viral Antiviral HTS Test, commercial	\$85.23	8 compounds
Custom Viral Antiviral HTS Test, internal	\$273.18	1 compound
Custom Viral Antiviral HTS Test, commercial	\$338.75	1 compound
Custom Viral Antiviral HTS Test, internal	\$185.76	3-7 compds.
Custom Viral Antiviral HTS Test, commercial	\$229.47	3-7 compds.
Custom Viral Antiviral HTS Test, internal	\$172.65	8+ compds
Custom Viral Antiviral HTS Test, commercial	\$185.76	8+ compds.
Preparation of virus seed stock, internal (labor included)	\$554.50	per sample
Preparation of virus seed stock, commercial (labor included)	\$720.86	per sample
Amplification and concentration of virus stock Through filter centrifuge, internal (labor included)	\$870.60	per sample
Amplification and concentration of virus stock Through filter centrifuge, commercial (labor included)	\$1,131.77	per sample

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

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
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Samples (40-80) and kit provided by PI

Luminex

Internal	\$311.43	per plate
Commercial	\$404.86	per plate

Magpix

Internal	\$362.44	per plate
Commercial	\$558.33	per plate

Tissue Homogenization

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
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BSL2
per 40 samples

Internal	\$65.40	(\$6.50/tissue)
Commercial	\$427.04	(\$9.80/tissue)

BSL3
per 40 samples

Internal	\$283.95	(\$6.50/tissue)
Commercial	\$485.06	(\$11.10/tissue)

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

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
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INTERNAL

Spleen	\$27.32	per sample
Inguinal lymph nodes	\$27.32	per sample
Lung	\$60.10	per sample
Brain	\$60.10	per sample
Intestine	\$60.10	per sample

COMMERCIAL - \$400 minimum (or 10 sample minimum)

Spleen	\$27.32	per sample
Inguinal lymph nodes	\$27.32	per sample
Lung	\$60.10	per sample
Brain	\$60.10	per sample
Intestine	\$60.10	per sample

Flow Cytometry Staining - using our flow cytometry panels (Quotes for other markers will be customized.)

Internal	\$2.19	per sample
Commercial	\$34.97	per sample

Flow Cytometer Run

Internal	<i>Go to FCCS Core iLab page to sign-up for BSL3</i>	
Commercial	\$93.13	per hour

PATHOLOGY (BSL3 Tissues Only- Limited – User should discuss with Director first)

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
Decalcification	\$9.27	per specimen
Paraffin processing only (no embedding):	\$2.91	cassette
Paraffin process and embedding:	\$3.48	per block
First and additional unstained slides:	\$2.91	per slide
Unstained slides, but levels requested*	\$6.96	per slide
Recut of previously faced paraffin block	\$2.91	per slide
H&E staining of cut slides	\$4.06	per slide
Trichrome staining of cut slides	\$20.87	per slide
PAS staining of cut slides	\$17.39	per slide
Other special stains of cut slides:	TBD	per slide
Antibodies	Purchase cost	unit

CLINICAL CHEMISTRY AND HEMATOLOGY SERVICES:

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
Clinical Chemistry		
Chemistry panels, internal	\$27.65	per sample
Set-up Charge, internal	\$25.55	per run
Chemistry panels, commercial	\$51.08	per sample
Set-up charge, commercial	\$33.10	per run
Hematology		
Sample analyses, internal	\$16.39	per sample
Set-up charge, internal	\$11.26	per run
Sample analyses, commercial	\$24.42	per sample
Set-up charge, commercial	\$14.63	per run

SARS-CoV-2 NEXT GENERATION SEQUENCING SERVICES:

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
Variant Calling – minimum 80 samples per run		
SARS-CoV-2, internal	\$79.57	per sample
SARS-CoV-2, commercial	\$318.27	per sample
Deep Sequencing >400 nt – minimum 20 sample (up to 22 per run)		
SARS-CoV-2, internal	\$103.97	per sample
SARS-CoV-2, commercial	\$424.36	per sample

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