

FY2023 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, 2022. 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	\$1.07	cage/day
ABSL2 per diem, commercial	\$1.58	cage/day
ABSL3 per diem, internal	\$1.17	cage/day
ABSL3 per diem, commercial	\$3.33	cage/day
Rats (2 per cage)		
ABSL2 per diem, internal	\$2.68	cage/day
ABSL2 per diem, commercial	\$3.97	cage/day
ABSL3 per diem, internal	\$3.43	cage/day
ABSL3 per diem, commercial	\$5.08	cage/day
Hamster (1-2 per cage)		
ABSL2 per diem, internal	\$2.68	cage/day
ABSL2 per diem, commercial	\$3.97	cage/day
ABSL3 per diem, internal	\$3.43	cage/day
ABSL3 per diem, commercial	\$5.08	cage/day
Guinea Pig or Cotton Rat (1 per cage)		
ABSL2 per diem, internal	\$2.68	cage/day
ABSL2 per diem, commercial	\$3.97	cage/day
ABSL3 per diem, internal	\$3.43	cage/day
ABSL3 per diem, commercial	\$5.08	cage/day
Ferret (2 per cage)		
ABSL2 per diem, internal	\$6.54	cage/day
ABSL2 per diem, commercial	\$11.68	cage/day
ABSL3 per diem, internal	\$7.85	cage/day
ABSL3 per diem, commercial	\$15.18	cage/day

PPE-ROOM CHARGES: BSL2, BSL3 or ABSL3:

<u>INTERNAL ITEM</u>	<u>COST</u>	<u>UNIT</u>
BSL-2 PPE	\$5.15	per day
BSL-3/ABSL-2 PPE Fee	\$10.14	per day
ABSL-3 PPE Fee	\$31.53	per day
Dedicated ABSL-2 Suite-per PI	\$31.53	per day
Pathogen Storage (long term)	\$3.18	per day

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COMMERCIAL

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
BSL-2/ABSL-2 PPE Fee	\$56.29	per day
BSL-3/ABSL-3 PPE Fee	\$112.56	per day
BSL-3 Facility Use	\$49.28	per day
Vivarium Facility Usage Fee	\$63.66	per day
Sample Storage (long term)	\$3.94	per 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	\$11.26	per run
Commercial	\$18.24	per run
EnVision Microplate Reader		
Internal	\$11.26	per run
Commercial	\$18.24	per run
Synergy 2 Microplate Reader		
Internal	\$5.62	per run
Commercial	\$9.12	per run
Luminex FX-200		
Internal	\$11.26	per run
Commercial	\$42.78	per run
MagPix		
Internal	\$28.14	per run
Commercial	\$56.28	per run
Illumina MiSeq System		
Internal	\$118.17	per run
Commercial	\$153.62	per run
MultiFlo FX		
Internal	\$11.26	per run
Commercial	\$28.14	per run
Janus high-throughput robot		
Internal	\$90.04	per run
Commercial	\$118.17	per run
BioAnalyzer		
Internal	\$11.26	per run
Commercial	\$42.78	per run
CLC Software		
Internal	\$10.61	per run

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Commercial	\$13.79	per run
 Bead Mill		
Internal	\$11.26	per run
Commercial	\$28.14	per run
 IVIS Spectrum Bio-Imager		
Unassisted, internal	\$112.55	per hour
Operator assisted, internal	\$144.14	per hour
Operator assisted, commercial	\$234.05	per hour
 BANG (aerosol delivery device)		
Setup charge, internal	\$56.28	per run
Setup charge, commercial	\$91.17	per run
Decon. charge, internal	\$56.28	per run
Decon. charge, commercial	\$91.17	per run
 IN VITRO SERVICES:		
Virology services		
<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
Virus Isolation, internal	\$230.22	per sample
Virus Isolation, commercial	\$372.95	per sample
Virus Plaque Assay, internal (labor not included)	\$53.66	per sample
Virus Plaque Assay, commer. (labor not included)	\$69.75	per sample
Virus PRNT (titer reduction) Assay, internal	\$848.72	5 samples
Virus PRNT (titer reduction) Assay, commercial	\$1,103.34	5 samples
Viral TCID CPE Assay, internal	\$56.25	96-well
Viral TCID CPE Assay, commercial	\$73.12	96-well
Viral TCID HI Assay, internal	\$56.25	per sample
Viral TCID HI Assay, commercial	\$73.12	per sample
RNA Isolation (Qiagen-Kingfisher) internal	\$30.77	per sample
RNA Isolation (Qiagen-Kingfisher) commercial	\$39.25	per sample
RNA Isolation (Trizol) \qRTPCR, internal	\$56.51	per sample
RNA Isolation (Trizol)/ qRTPCR, commercial	\$73.46	per sample
Viral Neutralization Test, internal	\$597.92	per 40 samp.
Viral Neutralization Test, commercial	\$965.42	per 40 samp.
Viral Antiviral HTS Test, internal	\$212.18	1 compound
Viral Antiviral HTS Test, commercial	\$275.83	1 compound
Viral Antiviral HTS Test, internal	\$127.31	3-7 comps.
Viral Antiviral HTS Test, commercial	\$159.14	3-7 comps.
Viral Antiviral HTS Test, internal	\$63.65	8 compounds
Viral Antiviral HTS Test, commercial	\$82.75	8 compounds
Custom Viral Antiviral HTS Test, internal	\$265.23	1 compound
Custom Viral Antiviral HTS Test, commercial	\$328.88	1 compound
Custom Viral Antiviral HTS Test, internal	\$180.35	3-7 comps.
Custom Viral Antiviral HTS Test, commercial	\$222.79	3-7 comps.
Custom Viral Antiviral HTS Test, internal	\$167.62	8 compounds
Custom Viral Antiviral HTS Test, commercial	\$180.35	8 compounds
 Custom SARS-CoV-2 Variant Screening and Antiviral HTS, internal	 \$629.12	 For 4 viruses

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Custom SARS-CoV-2 Variant Screening and Antiviral HTS, commercial	\$824.35	For 4 viruses
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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	\$302.36	per plate
Commercial	\$393.07	per plate
Magpix-BSL2		
Internal	\$330.48	per plate
Commercial	\$429.61	per plate
Magpix-BSL3 (includes PPE)		
Internal	\$351.88	per plate
Commercial	\$542.07	per plate

Tissue Homogenization

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
BSL2		
<i>per 40 samples</i>		
Internal	\$63.50	(\$6.50/tissue)
Commercial	\$414.61	(\$9.80/tissue)
BSL3		
<i>per 40 samples</i>		
Internal	\$275.68	(\$6.50/tissue)
Commercial	\$470.94	(\$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>
INTERNAL		
Spleen	\$26.52	per sample
Inguinal lymph nodes	\$26.52	per sample
Lung	\$58.35	per sample
Brain	\$58.35	per sample
Intestine	\$58.35	per sample
COMMERCIAL - \$400 minimum (or 10 sample minimum)		
Spleen	\$26.52	per sample
Inguinal lymph nodes	\$26.52	per sample
Lung	\$58.35	per sample
Brain	\$58.35	per sample
Intestine	\$58.35	per sample

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

Internal	\$2.12	per sample
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Commercial \$33.95 per sample

Flow Cytometer Run

Internal Go to FCCS Core iLab page to sign-up for BSL3.
Commercial \$83.51 per hour

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

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
Decalcification	\$9.00	per specimen
Paraffin processing only (no embedding):	\$2.82	cassette
Paraffin process and embedding:	\$3.38	per block
First and additional unstained slides:	\$2.82	per slide
Unstained slides, but levels requested*	\$6.76	per slide
Recut of previously faced paraffin block	\$2.82	per slide
H&E staining of cut slides	\$3.94	per slide
Trichrome staining of cut slides	\$20.26	per slide
PAS staining of cut slides	\$16.88	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	\$26.84	per sample
Set-up Charge, internal	\$24.80	per run
Chemistry panels, commercial	\$49.59	per sample
Set-up charge, commercial	\$32.14	per run
Hematology		
Sample analyses, internal	\$15.91	per sample
Set-up charge, internal	\$10.93	per run
Sample analyses, commercial	\$23.71	per sample
Set-up charge, commercial	\$14.20	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	\$77.25	per sample
SARS-CoV-2, commercial	\$309.00	per sample
Deep Sequencing >400 nt – minimum 20 sample (up to 22 per run)		
SARS-CoV-2, internal	\$100.94	per sample
SARS-CoV-2, commercial	\$412.00	per sample

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