

FY25 Regional Biocontainment Laboratory (RBL) Services and Fees

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

The pricing structure listed below is effective as of July 1, 2024. 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. To initiate services, please inquire with the RBL Scientific Director, Dr. Shannon Taylor, stayl108@uthsc.edu.

CAGE PER DIEM FOR ANIMAL STUDIES

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
Mice (4 per cage)		
ABSL2/3 per diem, internal	\$1.33	cage/day
ABSL2/3 per diem, commercial	\$1.67	cage/day
Rats, Cotton rat (2 per cage)		
ABSL2/3 per diem, internal	\$2.84	cage/day
ABSL2/3 per diem, commercial	\$4.21	cage/day
Hamster (1-2 per cage)		
ABSL2/3 per diem, internal	\$2.84	cage/day
ABSL2/3 per diem, commercial	\$4.21	cage/day
Guinea Pig or Cotton Rat (1 per cage)		
ABSL2/3 per diem, internal	\$3.08	cage/day
ABSL2 per diem, commercial	\$4.21	cage/day
Ferret (2 per cage)		
ABSL2/3 per diem, internal	\$9.37	cage/day
ABSL2/3 per diem, commercial	\$12.39	cage/day

PPE-ROOM CHARGES: BSL2, BSL3 or ABSL3

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
INTERNAL		
BSL-2 PPE	\$5.46	per day
BSL-3/ABSL-2 PPE Fee	\$10.75	per day
ABSL-3 PPE Fee	\$33.45	per day
Dedicated Suite (Sole Use)	\$33.45	per day
-80 Box Sample storage (post-study)	\$3.38	per month
Formalin storage container(post-study)	\$0.50	per month

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

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
COMMERCIAL		
BSL-2/ABSL-2 PPE Fee	\$59.72	per day
BSL-3/ABSL-3 PPE Fee	\$119.41	per day
BSL-3 Facility Use Fee	\$67.54	per day
Vivarium Facility Use Fee	\$67.54	per day
-80 Box Sample storage (post-study)	\$3.38	per month
Formalin storage container(post-study)	\$0.50	per month

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EQUIPMENT USAGE FEES

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	\$11.94	per run
Commercial	\$19.35	per run
EnVision Microplate Reader		
Internal	\$11.94	per run
Commercial	\$19.35	per run
Synergy 2 Microplate Reader		
Internal	\$5.97	per run
Commercial	\$9.67	per run
Luminex FX-200		
Internal	\$11.94	per run
Commercial	\$45.38	per run
MagPix		
Internal	\$29.85	per run
Commercial	\$59.71	per run
Illumina MiSeq System		
Internal	\$125.37	per run
Commercial	\$162.98	per run
MultiFlo FX		
Internal	\$11.94	per run
Commercial	\$29.85	per run
BioAnalyzer		
Internal	\$11.94	per run
Commercial	\$45.38	per run
Bead Mill		
Internal	\$11.94	per run
Commercial	\$29.85	per run
IVIS Spectrum Bio-Imager		
Unassisted, internal	\$119.40	per run
Operator assisted, internal	\$152.92	per run
Operator assisted, commercial	\$248.30	per run
Cytek Aurora Spectral Cytometer		
Internal	\$73.79	per run
Commercial	\$95.93	per run
CTL ELISpot		

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Internal	\$10.61	per run
Commercial	\$13.79	per run
BLAZE (light sheet microscope):		
Internal (operator-assisted)	\$84.00	per hour
Commercial	\$109.00	per hour
Gas (EtO) Sterilization		
Internal	\$51.73	per run
Commercial	\$75.00	per run
APEX		
Internal	\$15.00	per hour
Commercial	\$30.00	per hour
CQ1		
Internal	\$30.00	per run
Commercial	\$42.00	per run
ECHO		
Internal	\$101.00	per run
Commercial	\$140.00	per run
Anesthesia Equipment		
Internal	\$50.67	per day
Commercial	\$75.00	per day
LC-MS/MS		
Internal	\$144.20	per hour
Commercial	\$201.88	per hour

VIROLOGY SERVICES

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
Virus Isolation, internal	\$244.24	per sample
Virus Isolation, commercial	\$395.67	per sample
Virus Plaque Assay, internal (labor not included)	\$56.93	per sample
Virus Plaque Assay, commer. (labor not included)	\$74.00	per sample
Virus PRNT (titer reduction) Assay, internal	\$900.41	1-5 samples
Virus PRNT (titer reduction) Assay, commercial	\$1,170.53	1-5 samples
Viral TCID CPE Assay, internal	\$59.67	96-well
Viral TCID CPE Assay, commercial	\$77.57	96-well
Viral TCID HI Assay, internal	\$59.67	per sample
Viral TCID HI Assay, commercial	\$77.57	per sample
RNA Isolation (Qiagen-Kingfisher) internal	\$32.64	per sample
RNA Isolation (Qiagen-Kingfisher) commercial	\$41.64	per sample
RNA Isolation (Trizol) / qRT-PCR, internal	\$59.95	per sample
RNA Isolation (Trizol) / qRT-PCR, commercial	\$77.93	per sample
Viral Neutralization Test, internal	\$634.33	1-20 sample
Viral Neutralization Test, commercial	\$1024.21	1-20 sample
Viral Antiviral HTS Test, internal	\$225.10	1 compound

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Viral Antiviral HTS Test, commercial	\$292.63	1 compound
Viral Antiviral HTS Test, internal	\$135.06	3-7 cpd
Viral Antiviral HTS Test, commercial	\$168.83	3-7 cpd
Viral Antiviral HTS Test, internal	\$675.27	1 plate
Viral Antiviral HTS Test, commercial	\$877.87	1 plate
Custom Viral Antiviral HTS Test, internal	\$281.38	1 compound
Custom Viral Antiviral HTS Test, commercial	\$348.91	1 compound
Custom Viral Antiviral HTS Test, internal	\$191.34	3-7 cpd
Custom Viral Antiviral HTS Test, commercial	\$236.36	3-7 cpd
Custom Viral Antiviral HTS Test, internal	\$177.83	8+ cpd
Custom Viral Antiviral HTS Test, commercial	\$191.34	8+ cpd
Preparation of virus seed stock, internal (labor included)	\$571.14	per sample
Preparation of virus seed stock, commercial (labor included)	\$742.48	per sample
Amplification and concentration of virus stock Through filter or centrifugation, internal (labor included)	\$896.72	per sample
Amplification and concentration of virus stock Through filter or centrifugation, commercial (labor included)	\$1,165.73	per sample

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	\$395.77	per plate
Commercial	\$554.08	per plate
Magpix		
Internal	\$445.52	per plate
Commercial	\$581.28	per plate

Flow Cytometry Prep (8 sample minimum) - 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	\$44.14	per sample
Inguinal lymph nodes	\$44.14	per sample
Lung	\$80.90	per sample
Brain	\$80.90	per sample
Intestine	\$80.90	per sample
COMMERCIAL - \$400 minimum (or 10 sample minimum)		
Spleen	\$61.79	per sample
Inguinal lymph nodes	\$61.79	per sample
Lung	\$94.15	per sample
Brain	\$94.15	per sample

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Intestine	\$94.15	per sample
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Flow Cytometry Cell Surface Staining - using our flow cytometry panels (Quotes for other markers will be customized.)

Internal	\$112.25	per sample
Commercial	\$157.15	per sample

Flow Cytometer Run(Cytek Aurora)

Internal	\$73.79	per hour
Commercial	\$95.93	per hour

Data analysis and report

Request Quote

PATHOLOGY

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
Decalcification	\$9.55	per specimen
Paraffin processing only (no embedding)	\$2.99	cassette
Paraffin process and embedding	\$3.58	per block
First and additional unstained slides	\$2.99	per slide
Unstained slides, but levels requested*	\$7.17	per slide
Recut of previously faced paraffin block	\$2.99	per slide
H&E staining of cut slides	\$4.19	per slide
Trichrome staining of cut slides	\$21.49	per slide
PAS staining of cut slides	\$17.91	per slide
Other special stains of cut slides	TBD	per slide
Antibodies	Purchase cost	

BLAZE Light Sheet tissue clearing
and Immunostaining

Request Quote

CLINICAL CHEMISTRY AND HEMATOLOGY SERVICES

<u>ITEM</u>	<u>COST</u>	<u>UNIT</u>
Clinical Chemistry		
Chemistry panels, internal	\$32.28	per sample
Chemistry panels, commercial	\$64.56	per sample
Hematology		
Sample analyses, internal	\$18.05	per sample
Sample analyses, commercial	\$27.07	per sample

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	\$81.95	per sample
SARS-CoV-2, commercial	\$327.82	per sample
Deep Sequencing >400 nt – minimum 20 sample (up to 22 per run)		
SARS-CoV-2, internal	\$107.09	per sample
SARS-CoV-2, commercial	\$437.09	per sample

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LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY

Consultation	Request Quote
Data Reporting	Request Quote
LC-MS/MS Archived Method Set Up	Request Quote
LC-MS/MS Method Development	Request Quote
LC-MS/MS Method Validation	Request Quote
LC-MS/MS Sample Analysis	Request Quote
PK/PD Data Analysis	Request Quote

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