*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**

**ITEM COST UNIT**

**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**

**INTERNAL**

**ITEM COST UNIT**

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**

**COMMERCIAL**

**ITEM COST UNIT**

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

**EQUIPMENT USAGE FEES**

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

**ITEM COST UNIT**

**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**

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 $144.20.00 per hour

Commercial $201.88 per hour

**VIROLOGY SERVICES**

**ITEM COST UNIT**

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) / qRTPCR, internal $59.95 per sample

RNA Isolation (Trizol) / qRTPCR, 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

Viral Antiviral HTS Test, commercial $292.63 1 compound

Viral Antiviral HTS Test, internal $135.06 3-7 compds.

Viral Antiviral HTS Test, commercial $168.83 3-7 compds.

Viral Antiviral HTS Test, internal $675.27 plate

Viral Antiviral HTS Test, commercial $877.87 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 compds.

Custom Viral Antiviral HTS Test, commercial $236.36 3-7 compds.

Custom Viral Antiviral HTS Test, internal $177.83 8+ compds

Custom Viral Antiviral HTS Test, commercial $191.34 8+ compds.

Custom SARS-CoV-2 Variant Screening and

 Antiviral HTS, internal $667.44 4 viruses

Custom SARS-CoV-2 Variant Screening and

 Antiviral HTS, commercial $874.55 4 viruses

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 $896.72 per sample

 (labor included)

Amplification and concentration of virus stock

 Through filter or centrifugation, commercial $1,165.73 per sample

 (labor included)

**IMMUNOLOGY SERVICES - full service multiplex bead based assay (Cytokines)**

**ITEM COST UNIT**

*Samples (40-80) and kit provided by PI*

**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**

**ITEM COST UNIT**

**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

Intestine $94.15 per sample

**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**

**ITEM COST UNIT** 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 Request Quote

 and Immunostaining

**CLINICAL CHEMISTRY AND HEMATOLOGY SERVICES**

**ITEM COST UNIT**

**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**

**ITEM COST UNIT**

**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.***