

Important Notes: Fees are volume-dependent and subject to change.

[Cardiometabolic Research Unit](#)

For more info contact: Elviche.Lenou@UTSouthwestern.edu

Service	Non-Technical Description	UTSW Health System Pricing*	Industry System Pricing*
Sample Collection			
Blood Draw (includes consent)	Collecting blood from participants and ensuring that all necessary permissions and consent forms are collected and maintained for sample usage	\$8.4	\$11
Urine Collection (includes consent)	Collecting urine from participants and ensuring that all necessary permissions and consent forms are collected and maintained for sample usage	\$12.6	\$16.4
Mobile Sample Collection (includes consent)	Providing services to collect samples from remote locations. Typically includes travel and handling fees	Varies; quoted per project	Varies; quoted per project

Sample Processing			
Sample Fractionation	Dividing samples into smaller aliquots for easier handling and storage. Up to 3 aliquots of whole blood or plasma, or serum	\$16/sample	\$20/sample
Routine Blood Processing	Processing whole blood into plasma or serum	\$21/sample	\$27/sample

Cells Isolation	Isolating specific cell types from blood, tissue, or other samples (e.g., PBMCs).	\$37/sample	\$48/sample
------------------------	---	-------------	-------------

Sample Storage

-80 °C Freezer Storage	Storing biological samples at ultra-low temperatures for shorter periods. Cryobox (81-position or 2" Box 9x9)	\$11/box/month	\$14/box/month
Cryovial Storage	Long-term cryopreservation- Storing samples at controlled temperatures (e.g., in 4°C refrigerator, -20°C freezers or -80°C freezers). Cryobox (81-position or 2" Box 9x9)	\$105/box/year	\$137/box/year
Data Tracking and Inventory Management	Using barcodes and database systems to ensure accurate tracking and storage	Varies; quoted per project	Varies; quoted per project

Sample Distribution

Shipping and Logistics	Coordinating the secure and temperature-controlled transport of samples to researchers or collaborators	Varies; quoted per project	Varies; quoted per project
Custom Sample Retrieval	Providing samples on demand to researchers, with options for specific sample types, conditions, or quantity	\$210/cryovial (up to 0.5 mL)	\$273/cryovial (up to 0.5 mL)

Data Management & Analysis

Biological Sample Metadata Management	Documenting and managing sample-specific information (e.g., donor history, sample type, processing conditions)	\$12/sample	\$15/sample
--	--	-------------	-------------

Clinical Data Integration	Combining biological sample data with clinical or demographic information for deeper insights	\$32/sample	\$42/sample
Data Analysis Services	Offering bioinformatics services to analyze genetic, proteomic, or other data related to the samples	Varies; quoted per project	Varies; quoted per project

Custom Research Services

Tailored Sample Collection	Providing services for collecting specific types of biological samples or those from specific populations	Varies; quoted per project	Varies; quoted per project
Biospecimen Profiling	Offering services to categorize and analyze the biospecimens for specific markers, mutations, or disease states	Varies; quoted per project	Varies; quoted per project
Sample Preparation for Specific Assays	Preparing samples for genomics, proteomics, metabolomics, or other specialized research assays	Varies; quoted per project	Varies; quoted per project

Training and Consultation

Consultation Services	Offering expertise on best practices for sample collection, storage, and handling	Varies; quoted per project	Varies; quoted per project
------------------------------	---	----------------------------	----------------------------

Quality Control and Assurance

Sample Quality Assessment	Ensuring that samples meet predefined standards of quality and integrity before use- Basic quality check (cryovial location, sample volume, sample color)	Varies; quoted per project	Varies; quoted per project
----------------------------------	---	----------------------------	----------------------------

Inventory Reconciliation Process	Includes physically verifying the samples and updating the inventory system	Varies; quoted per project	Varies; quoted per project
---	---	----------------------------	----------------------------

Immunoassay Tests (Performed on COBAS e411)			
NT-proBNP	Biomarker for heart failure diagnosis and monitoring	\$39.0	\$50.7
High-sensitivity Troponin (Hs-Troponin)	Early detection of myocardial infarction (heart attack)	\$16.5	\$21.5
Vitamin D Total II	Comprehensive measurement of total vitamin D levels	\$31.7	\$41.2
Procalcitonin (PCT)	Marker for severe bacterial infections and sepsis	\$51.1	\$66.4
HCG STAT V2	Rapid test for human chorionic gonadotropin (pregnancy indicator)	\$16.7	\$21.7
Insulin	Measurement of insulin levels for metabolic assessment	\$19.2	\$25.0
Cancer Antigen 125 (CA-125)	Tumor marker used primarily in ovarian cancer detection	\$20.9	\$27.2
Creatine Kinase-MB STAT	Cardiac marker for myocardial injury	\$15.0	\$19.5

Chemistry Tests (Performed on COBAS c311)			
Albumin	Evaluates liver and kidney function through albumin levels	\$4.4	\$5.7
Alkaline Phosphatase (ALP2)	Assesses liver and bone disorders	\$6.4	\$8.3
ALT	Liver enzyme used to assess liver function	\$2.9	\$3.8

Apolipoprotein A-1	Cardiovascular risk marker; major protein component of HDL	\$13.7	\$17.8
Apolipoprotein B	Cardiovascular risk marker; major protein of LDL	\$13.7	\$17.8
AST	Liver enzyme used in assessing liver and muscle function	\$2.9	\$3.8
Bilirubin (Direct)	Measures conjugated bilirubin for liver function assessment	\$1.8	\$2.3
Bilirubin (Total)	Measures total bilirubin for liver function assessment	\$1.6	\$2.1
BUN/Urea	Indicator of kidney function through urea nitrogen levels	\$2.9	\$3.8
Calcium (Serum/Plasma STAT)	Measures serum calcium levels	\$4.5	\$5.9
CO₂ (Bicarbonate)	Assesses acid-base balance and metabolic status	\$6.2	\$8.1
Chloride (Serum/Plasma)	Evaluates electrolyte and acid-base balance	\$5.8	\$7.5
Chloride (Urine)	Measures urinary chloride for electrolyte monitoring	\$5.8	\$7.5
Cholesterol	Total cholesterol measurement for lipid profile	\$3.5	\$4.6
Creatinine (CREJ2)	Assesses kidney function via serum creatinine	\$2.4	\$3.1
High-sensitivity CRP (Hs-CRP)	Marker of systemic inflammation and cardiovascular risk	\$6.1	\$7.9
Cystatin C	Sensitive marker of kidney function	\$43.9	\$57.1

D-dimer (Citrate)	Assesses clot formation and breakdown in thrombotic conditions	\$22.2	\$28.9
Ethanol (Serum/Plasma)	Detects alcohol level in blood	\$10.3	\$13.4
Ethanol (Urine)	Detects alcohol level in urine	\$10.3	\$13.4
Glucose (Serum/Plasma)	Measures blood glucose level	\$4.2	\$5.5
HDL Cholesterol	High-density lipoprotein	\$5.6	\$7.3
LDL Cholesterol	Low-density lipoprotein	\$10.3	\$13.4
Potassium (Serum/Plasma)	Measures serum potassium for electrolyte balance	\$5.8	\$7.5
Potassium (Urine)	Measures urinary potassium for electrolyte evaluation	\$5.8	\$7.5
Sodium (Serum/Plasma)	Measures serum sodium for electrolyte balance	\$5.8	\$7.5
Sodium (Urine)	Measures urinary sodium for electrolyte evaluation	\$5.8	\$7.5
Triglycerides	Measures triglyceride levels for lipid profile	\$5.6	\$7.3
Hemoglobin A1C	Long-term monitoring of blood glucose control	\$11.5	\$15.0

Drug Tests (Performed on COBAS c311)

Amphetamines 500	Qualitative test for amphetamine detection using CFAS DAT	\$4.8	\$6.2
-------------------------	---	-------	-------

Barbiturates 200	Qualitative test for barbiturate detection using CFAS DAT	\$4.8	\$6.2
Benzodiazepines II 100	Qualitative test for benzodiazepine detection using CFAS DAT	\$4.8	\$6.2
Cannabinoids 50	Qualitative test for THC (cannabis) detection using CFAS DAT	\$4.8	\$6.2
Cocaine 300	Qualitative test for cocaine detection using CFAS DAT	\$4.8	\$6.2
Opiates 300	Qualitative test for opiate detection using CFAS DAT	\$4.8	\$6.2

VerifyNow Tests (Platelet Function Testing Platform)

PRU Test	Measures platelet reactivity for monitoring P2Y12 inhibitor therapy (e.g., clopidogrel)	\$126.60	\$164.6
Aspirin Test	Measures platelet response to aspirin therapy	\$86.79	\$112.8

Custom Test Panels

Lipid Panel	Includes total cholesterol, HDL, LDL, and triglycerides	\$25.80	\$33.5
Basic Metabolic Panel (BMP)	Includes sodium, potassium, chloride, CO ₂ , BUN, creatinine, glucose, and calcium	\$42.00	\$54.6
Comprehensive Metabolic Panel (CMP)	Includes all BMP tests plus ALT, AST, ALP, total bilirubin, albumin, and total protein (albumin substituted here; total protein not listed)	\$60.10	\$78.1

Kidney Panel	Includes BUN, creatinine, cystatin C, and electrolytes (Na, K, Cl, CO ₂)	\$72.90	\$94.8
Electrolyte Panel	Includes sodium, potassium, chloride, and CO ₂	\$23.40	\$30.4
<i>*Price adjustments may apply based on wet lab test volumes and Principal Investigator–determined fees.</i>			