

SAMPLE AND PROJECT BASED SERVICE MODELS

	INSTRUCTIONS
Project Start-up Fee	*In project-based studies, proforma invoice will be prepared according to the composition of the study, biological sample type, sample number and requested biobanking services (<i>acquisition, transport, process and storage of samples and/or data</i>)
Biobanking service for basic and tranlational studies	
Biobanking service for preclinical phase studies	
Biobanking service for clinical phase studies	
BLOOD SAMPLES	
Sample Processing Fee / Donor (max. 6 aliquots)	
Handling only (e.g. controlled rate freezing)	Processing per standard operating procedure (SOP). All processing includes a maximum of 6 aliquots. Additional aliquots will be charged per aliquot.
Simple processing (e.g. 1 spin & aliquot)	
Medium processing (e.g. 2 spins & aliquot)	
Complex processing (e.g. procedures including cell pellet wash steps)	
Blood DNA Extraction and Quality Control / Sample	Processing per standard operating procedure (SOP).
Blood RNA Extraction and Quality Control / Sample	Processing per standard operating procedure (SOP).
PBMC Processing	
Isolation and Cryopreservation of viable cells; PBMC /sample	PBMC isolation using a modified CPT tube or manuel protocol. Cryopreservation with RPMI, 10% DMSO, Heat-Inactivated Fetal Calf Serum Controlled-rate freezing/Mr. Frosty. Storage (2 aliquots) Additional aliquots will be charged per aliquot.
TISSUE SAMPLES	
Sample Processing / Donor / Timepoint (max. 6 aliquots)	
Handling only (e.g. controlled rate freezing)	Processing per standard operating procedure (SOP).
Simple processing (e.g. Tissue Lyser LT)	Processing per standard operating procedure (SOP).
Tissue DNA Extraction and Quality Control / Sample	Processing per standard operating procedure (SOP).
Tissue RNA Extraction and Quality Control / Sample	Processing per standard operating procedure (SOP).
Note: max. 6 aliquots. Additional aliquots will be charged per aliquot.	
STORAGE	
Freezer Storage / Sample / Year	
Primary tubes, large; 6 – 10 mL (-80 °C)	Cost of storage in a -20 or -80°C freezer (per sample, per year)
Primary tubes, small; 4 mL (-80 °C)	Cost of storage in a -20 or -80°C freezer (per sample, per year)
Micro tubes, 0.9 mL (96 format; -80 °C)	Cost of storage in a -20 or -80°C freezer (per sample, per year)
Cryovials up to 2mL	Cost of storage in a -20 or -80°C freezer (per sample, per year)
Cryoboxes	(9x9 format or 96 format, cost per box/year)
Whole Freezer Storage / Year	Cost to store an entire freezer (e.g. -80°C) at the IBG-Biobank. Costs include (e.g. electricity; monitoring of alarm/emergency response); costs exclude preventative maintenance and repair.
LN2 Storage / Sample / Year	
Cryovials up to 2mL	Cost of storage in vapour phase liquid nitrogen freezer (per sample, per year or part thereof).
Micro tubes, 0.9 mL (96 format)	Cost of storage in vapour phase liquid nitrogen freezer (per sample, per year or part thereof).
Liquid Nitrogen Freezer Storage/Box	(cost per box/year)
Room Temperature Storage/ Sample/Year	
Slide Storage (room temp) / Box (100, includes box) / Year	Cost of yearly storage (per box holding 100 slides) of slides at room temperature. Includes the cost of the storage box.
Slide Storage (room temp) / provide own box / Year	Cost of yearly storage (per box holding 100 slides) of slides at room temperature. Does not include the cost of the storage box.
Guthrie Card Storage (per card) / Year	Cost of yearly storage of per Guthrie card.
SAMPLE RETRIEVAL	
Retrieval + Despatch Freezer / Batch	Costs to retrieve and package a batch of samples and prepare for transport. Does not include courier fees.
Retrieval + Despatch LN2 / Batch	Costs to retrieve and package a batch of samples and prepare for transport. Does not include courier fees.
Retrieval + Despatch Room Temp / Batch	Costs to retrieve and package a batch of samples and prepare for transport. Does not include courier fees.
RECEPTION of FROZEN SAMPLES	
Receipt of bulk frozen samples in cryostorage boxes with supplied electronic inventory / box	Receipt of more than 10 frozen samples per shipment. Containers must have barcodes or printed labels (hand written labels will be costed separately).
Bulk Receipt of Frozen Samples / cryovial	Accessioning and consolidation of frozen samples. Electronic inventory provided by client.
Distribution of collected samples	
Blood DNA (per sample) 1 mcg	Biobanked samples will be shared after the project's application to the biobank scientific and ethics committee.
Blood RNA (per sample) 1 mcg	
Blood Buffy Coat (per sample) 0.5 mL	
Blood Plasma (per sample) 0.5-1.0 mL	
Blood Serum (per sample) 0.5-1.0 mL	
PBMCs	
Tissue RNA (per sample) 0.5 mcg	

For further information on service models and costs, please contact IBG-Biobank on sanem.avci@ibg.edu.tr & nese.atabey@ibg.edu.tr