

O7. Overview of Estimated Handling Costs Bio and Genome Bank Denmark

The listed prices are approximate estimates for processing a single biospecimen using manual purification with commercially available filter-based kits. The purification methods may vary between biobank centers. Shipping costs are covered by the recipient unless otherwise agreed to. From the 1st of June 2019 each prospective study is entitled to one free transfer per biospecimen. Any additional transfers of aliquots from a previously transferred biospecimen must to be compensated unless otherwise agreed upon by the research project and the relevant sampling departments. Research projects that began collecting samples before the 1st of June 2019, remain eligible for free transfers under previous RBGB collaboration agreements. Once these research project agreements expire, the agreements are terminated. If a research project is extended, it automatically transitions to the new policy of one free transfer per biospecimen for their entire collection of biospecimens. Additional transfers for research projects are determined on a case-by-case basis, with the estimated cost outline serving as a guideline for negotiations.

All transfers for clinical and genetic purposes are free including transfers to research project that are a part of clinical studies. We aim to complete biospecimen transfers within 30 days of verifying the transfer request, meaning all details have been discussed and agreed upon. For larger transfers or special requests, a longer processing time may be required. Generally, nucleic acids are purified from 3-20 pieces of tissue, with the number of pieces determined by the amount of tumor cells present, as assessed through histological evaluation. If more than 12 biospecimens are to be purified, a custom price will be negotiated. For more information, please contact the RBGB Secretariat.

Biospecimen transfer includes locating the biospecimens in the database, physically retrieving them, and registering the transfer in the database. The cost is per biospecimen regardless of the number of aliquots, as they are typically stored together. The agreed-upon cost should reflect the actual expenses incurred by the collecting department. Larger transfers are typically billed at an hourly rate as this provides a more accurate cost than a fixed price per biospecimen. Transfers for clinical diagnosis, genetic assessment, or clinical intervention tests are free of charge.

Service	Estimated price per service., (DKK)	Kit#
TRANSFER OF BIOSPECIMEN (TISSUE/BLOOD)		
Transfer per biospecimen* (regardless of the number of aliquots)	200	
COLLECTIONS BEYOND THE STANDARD ALIQUOT PROCEDURE		
ctDNA aliquot procedure (example): 1 x 9 mL dry or serum-gel tube: - 2 x 2 mL serum 4 x 9 mL EDTA-tube: - 1 x 1,5 mL of whole blood - 1 x buffy coat - 8 x 2 mL plasma (alternatively 3 x 5, 3 mL plasma in 9 mL tubes)	50	
Faeces (The sample is registered in the RBGB module and labeled accordingly. Includes costs for the purchase and storage of specially sized boxes.)	40 per sample 50 (two samples handed in together)	
Other collection requests are negotiated individually		
PURIFICATION - TISSUE		
Embedding of tissue	60	
Sectioning tissue (Tissue-Tek / paraffin):		
- the first 3 sections from the same biospecimen	50	
- subsequent sections from the same biospecimen	10	
Staining mounted on glass (routine / special)	50	
Immunostaining (departmental routine)	150	
Optimization of antibodies	Arranged on an individual basis and on time spent	
Creating a Tissue Microarray (TMA)	Arranged on an individual basis and on time spent	
Sectioning of a TMA:		
- The first section	100	
- Subsequent sections	50	
Nucleic Acid – incl. concentration and quality (OD/RIN)		
DNA purification	60	51306
DNA purification HMW, Archive quality	40	158667
RNA purification, Total RNA.	140	74106 79254
RNA purification: Total RNA larger than 18 nt. Including mikroRNA	145	217004
RNA purification: Total RNA and mikroRNA in separate aliquots	210	217004 74204

Service	Estimated price per service., (DKK)	Kit#
Bundled package: DNA, RNA, mikroRNA in separate aliquots, including an H&E section	400	51306 74106 74004
RNA concentration and quality (OD/RIN)	60	
PURIFICATION - BLOOD		
Aliquoting to smaller volumes including registration and freezing.	35	
Nucleic acids – incl. concentration og quality (OD/RIN)		
DNA purification of less than 0,2 mL	60	51306
DNA purification of 0,3- 2 mL	80	51185
RNA purification of PAXgene / TEMPUS tubes	180	762174
ctDNA plasma purification	From 80	55114

*: Shipping expenses are agreed to on an individual basis.

Kat. No. of kits from Qiagen - see www.qiagen.com for more information

For more information about RBGB please contact:

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