

Specimen Service Cost Recovery and Processing Times

NIDDK Central Repository (NIDDK-CR) charges modest amounts to recover costs of acquiring, maintaining, and processing specimens in accordance with the Public Health Service Act [42 U.S.C. 241(h), 42 U.S.C. 282(c)].

NIDDK-CR staff provides cost estimates after requests are approved. For cost estimates under the \$5000 threshold, the requested specimens will be processed after the estimates are accepted and funds to cover the work are verified to be in place, and the Data and Resources Use Agreement (DUA) is executed. NIDDK-CR requires full payment to be received prior to shipment of specimens for cost estimates exceeding \$5000.00, custom DNA distributions, and all international shipping destinations. If a purchase order is required by the Requesting Institution, these can be attached to the requests. Payment instructions will be provided upon invoice generation.

Payments are due 15 calendar days from the date of the invoice. Please include the invoice number and attach a copy of the invoice if you are sending a check. Please note all payments are accepted in U.S. dollars only.

Cost of Handling Specimens

NIDDK-CR recovers handling costs (costs for preparing the specimens for shipment to the requestor). The tables below show the costs for pulling and processing specimens (i.e., non-renewable specimens such as serum, plasma, urine, and tissue, and renewable specimens such as DNA).

Non-renewable specimen handling charges:

Procedure	Description	Price (per specimen)
Pull	Specimens are retrieved in the biorepository and shipped "as is".	\$2.92
Pull and aliquot	Specimens are retrieved in the biorepository and aliquoted to specified measurements before being shipped.	\$4.88

Renewable specimen handling charges:

Procedure	Description	Price (per specimen)
Fixed volume at stock concentration (when available)	DNA concentrations can vary but generally range from 50-100 ng/μl in a volume between 20 μl and 50 μl (for a yield of 2-5 μg) with no specific order/sorting. Availability depends on existing stock for selected participants. The specimens are shipped in standard biorepository cryovials.	\$5.15
Fixed volume and concentration	DNA provided at a concentration of 100 ng/μl in either 20 μl or 50 μl (a yield of 2 or 5 μg per specimen) with no specific order/sorting. The requestor may choose the size from the two standard options. The specimens are shipped in standard biorepository cryovials.	\$16.62
Custom nucleic acid distribution	Requestor specifies DNA yields, concentrations, volumes, organization, and containers (e.g., plates).	\$24.81

Cost of Shipping Specimens

NIDDK-CR charges costs for delivering the specimens separate from specimen handling charges. Shipping costs are billed directly to the Requesting Institution's shipper account (e.g. FedEx). The requestor must provide a shipper account number for the biorepository to bill the shipment using their institutional rates. The courier costs may vary depending on the requestor's negotiated courier rates and the number of specimens included in the shipment. The table below depicts information on common shipper types that can be used to estimate shipping costs. NIDDK-CR shipments originate from Frederick, MD, 21701. Final costs will be determined at time of shipment.

Shipper Type	Size (L x W x H)	Weight	Dry Ice Weight	Max # of Specimens
STP-320	15 X 13 X 12	21 LBS (9.5 KG)	17.6 LBS (8 KG)	243
E65 ThermoSafe	19 X 13 X 17	28 LBS (12.7 KG)	20 LBS (9.1 KG)	486

Estimated Processing Times for Specimen Requests

Below are estimated processing times for the biorepository once the specimen request has been routed to the biorepository. Please note, the time to complete the request may vary due to the complexity of the selection set, specific processing requirement(s), unanticipated discrepancy(ies) with vial labeling or volume reported, and/or specimens having to be retrieved from the backup facility.

Number of Vials	No Aliquoting Needed (business days)	Aliquoting Needed (business days)
Up to 100	3	6
101 to 250	6	9
251 to 500	9	17
501 to 1000	16	31
1001 to 2500	38	65

Contact NIDDK-CR support team at: NIDDK-CRsupport@nidk.nih.gov with any questions.