

## COLON CFR BIOSPECIMEN PRODUCT PRICING: 2021\*

Each CCFR center's biospecimens are stored and dispatched from their respective institution. The cost of acquisition and limited processing of the C-CFR biospecimen collections was covered by C-CFR grants. However, maintaining and dispatching biospecimens to researchers generates additional costs that must be paid for by the requesting researcher and are calculated below. Each CFR center providing biospecimens will prepare and send an invoice. Payment must be received before biospecimens are dispatched (with some exceptions).

*\*The prices charged will correspond to the date the data and/or biospecimens are requested for delivery and all necessary assurance documentation (IRB/ethics, Data Use Agreements, Material Transfer Agreements) have been received.*

*Prices shown are U.S. dollars and are inflated 3% annually (and rounded up) and are subject to change.*

<b><u>Administrative fees<sup>1</sup> (site specific)</u></b>	<b>\$ SEE NOTE<sup>1</sup></b>
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<b><u>EDTA Blood Product</u></b>	Number requested	Cost per specimen	Subtotal \$
DNA distribution <sup>2,3</sup>	N = _____	@ \$20.00/specimen	\$ _____
Plasma distribution	N = _____	@ \$25.00/specimen	\$ _____
Guthrie (dried blood spot) distribution	N = _____	@ \$20.00/specimen	\$ _____
DNA extraction from WBC Buffy Coat	N = _____	@ \$40.00/specimen	\$ _____
<b>EDTA Blood Subtotal</b>			<b>\$ _____</b>

<b><u>Buccal, Mouth Wash or Saliva</u></b>	Number requested	Cost per specimen	Subtotal \$
DNA distribution <sup>2,3</sup>	N = _____	@ \$20.00/specimen	\$ _____
DNA extraction from Buccal, Mouth Wash or Saliva	N = _____	@ \$50.00/specimen	\$ _____
<b>Buccal Wash or Saliva Subtotal</b>			<b>\$ _____</b>

<b><u>Lymphoblast Cell Line Product<sup>6</sup></u></b>	Number requested	Cost per specimen	Subtotal \$
DNA distribution from cell-line <sup>2,3</sup>	N = _____	@ \$15.00/specimen	\$ _____
DNA extraction from cell-line	N = _____	@ \$50.00/specimen	\$ _____
Frozen cell-line distribution <i>(available only if a cell line has <u>already</u> been established and there are at least 2 vials of LCLs in storage). Otherwise a cell line will need to be thawed and re-grown (see cost to re-grow, above)</i>	N = _____	@ \$21.00/specimen	\$ _____
Re-growth to provide frozen LCL for distribution <i>(required if there is a cell line already established but there are less than 2 vials of LCLs in storage)</i>	N = _____	@ \$141.00/specimen	\$ _____
EBV transformation and QC <i>(required if a cell line has not already been established)</i>	N = _____	@ \$374.00/specimen	\$ _____
<b>Lymphoblast Cell-Line Subtotal</b>			<b>\$ _____</b>

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<u>Tumor Tissue Product</u>	Number requested	Cost per specimen	Subtotal \$
Paraffin-embedded tissue (PET) slide distribution	N = _____	@ \$20.00/specimen	\$ _____
Fresh frozen tissue <sup>6</sup> distribution (excised piece)	N = _____	@ \$40.00/specimen	\$ _____
PET block sectioning ( <i>if all stored slides are exhausted and block is in-house</i> )	N = _____	@ \$48.00/specimen	\$ _____
PET block sectioning ( <i>if all stored slides are exhausted and block is not in-house and must be requested</i> )	N = _____	@ \$150.00/specimen	\$ _____
Additional sections from PET blocks	N = _____	@ \$17.00/specimen	\$ _____
Pathology review & H&E marking for macrodissection <sup>5</sup>	N = _____	@ \$20.00/specimen	\$ _____
Macrodissection for DNA extraction <sup>5</sup>	N = _____	@ \$22.00/specimen	\$ _____
DNA distribution from tissue (PET or fresh frozen) <sup>2, 3, 5</sup>	N = _____	@ \$20.00/specimen	\$ _____
DNA extraction from PET tissue <sup>5</sup>	N = _____	@ \$58.00/specimen	\$ _____
DNA extraction from fresh frozen tissue <sup>6</sup>	N = _____	@ \$40.00/specimen	\$ _____
Scanned H&E with a scanned image already in house	N = _____	@ \$9.00/image	\$ _____
Scanned H&E without a scanned image already in house	N = _____	@ \$23.00/image	\$ _____
<b>Tumor Tissue Subtotal</b>			<b>\$ _____</b>

<u>DNA QUANTIFICATION<sup>2, 3, 4</sup></u>	Number requested	Cost per specimen	Subtotal \$
Fluorescent dye DNA quantification <sup>4</sup>	N = _____	@ \$9.00/specimen	\$ _____
Spectrophotometry DNA quantification <sup>4</sup>	N = _____	@ \$5.00/specimen	\$ _____
Re concentrating DNA to increase concentration <sup>3</sup>	N = _____	CFR center-specific	\$ _____
<b>DNA Quantification Subtotal</b>			<b>\$ _____</b>

<u>INVOICE TOTAL</u>	Biospecimen Subtotal	\$ _____
	<b>Administration fees<sup>1</sup> (site specific)</b>	<b>\$ <u>SEE NOTE</u><sup>1</sup></b>
	<b>Institutional indirect cost<sup>7</sup></b>	<b>\$ <u>SEE NOTE</u><sup>7</sup></b>
	<b>Packing of shipment</b>	\$ _____
	<b>Courier (if Applicant is not paying shipping)</b>	\$ _____
	<b>TOTAL (U.S.)</b>	<b>\$ _____</b>

<sup>1</sup> **Administrative fees** include local administrative and programming (non-laboratory) costs including IRB/ethics approval, MTA preparation, inventory management, sample selection and QC, dataset preparation, requests for data not available at the ISC and must be provided by individual centers, and special requests. Administrative fees are determined by each respective PI and typically range \$1,000 - \$2,000 per center and per dispatch request.

<sup>2</sup> DNA stock concentrations vary. Requests for concentrations requiring a dilution will be provided at the distribution cost.

<sup>3</sup> Requests for DNA concentrations requiring re-concentration *may* be available for a per sample fee. When not available, the sample volume will be adjusted to meet the total DNA quantity.

<sup>4</sup> Standard method of quantitation is spectrophotometry (e.g., Nanodrop). Stock DNAs may need to be re-quantified for dispatching. Fluorescent dye DNA quantification (e.g., Picogreen, Qubit) may be requested.

<sup>5</sup> See the "Tissue DNA Extraction Protocols by Center" table located at: <http://www.coloncfr.org/supplementary-information>

<sup>6</sup> Not available for all subjects / limited availability

<sup>7</sup> Institutional indirect costs apply to FHCRC (76%) and Cedars-Sinai (67%).