

# Sample Requirements & Shipping Information

NewbornDx™ | NewbornDx™ HL

All of the containers listed below are available in our test kit, which can be requested by contacting Client Services at 857-288-0838 or [clientservices@parabasegenomics.com](mailto:clientservices@parabasegenomics.com).

- Each test has specific sample type requirements (see table below).
- Specimens must have at least two unique patient identifiers (name, date of birth, and/or medical record number (MRN)). This information must be attached directly to the body of the tube/card containing the sample, not to the lid or any other part of the specimen's packaging, and must match the identifiers included on the requisition form.
- All samples must arrive with a paper or an electronic requisition. If missing or incomplete requisition, samples will be held for 5 business days, at which time the sample will be rejected if completed paperwork has not been received.
- Collection date and time of specimens must be included on the requisition form.
- If there is any breach of the container containing a sample (e.g., leaky containers, covers that have fallen off, etc.), the specimen will be rejected.
- Proband and parent samples may be shipped separately; however, testing will not begin until all samples are received.
- Ship samples overnight for receipt Monday through Friday.

TEST	PROBAND SAMPLES	PARENT SAMPLES
<b>NewbornDx™ HL</b>	Dried Blood Spot & 1 Microtainer (500 µl) _____ OR _____ 1 EDTA Lavender top tube (see below)	1 EDTA Lavender top tube (minimum 2 mL)
<b>NewbornDx™</b>	Dried Blood Spot & 1 Microtainer (500 µl) _____ OR _____ 1 EDTA Lavender top tube (see below)	1 EDTA Lavender top tube (minimum 2 mL)

SAMPLE TYPE	COLLECTION CONTAINER/ TUBE REQUIREMENTS	SAMPLE VOLUMES	STORAGE/ SHIPPING OF SPECIMENS
Whole Blood <sup>[1]</sup>	EDTA tube (purple/lavender top)	Infants (< 2years): 1-3 mL Children & Adults (> 2years): 3-5 mL	<ul style="list-style-type: none"> <li>• Blood should be refrigerated after collection until the time of shipment.</li> <li>• Ship sample within 2 days of collection.</li> <li>• Ship at room temperature using overnight delivery.</li> </ul>
	EDTA Microtainer (purple/lavender top)	500 µl	
Dried Blood Spot <sup>[2]</sup>	Perkin Elmer 226 Spot Saver Card	Completely fill all five circles	<ul style="list-style-type: none"> <li>• Ensure blood spots are fully dried before packing with desiccant (30-120 min after collection).</li> <li>• Ship sample within 2 days of collection.</li> <li>• Ship at room temperature using overnight delivery.</li> </ul>

<sup>[1]</sup> Samples that appear to have been frozen will be accepted but the quality of DNA extracted and ability to perform testing will not be guaranteed.

<sup>[2]</sup> Different blood spot cards may be accepted following consultation with the laboratory. Please call 857-288-0838 to discuss prior to sending the sample.