

Specimen Requirements

Whole Exome Sequencing (WES)

The sample types below are acceptable for all postnatal WES and Rapid WES.

TYPE	REQUIREMENTS	SHIPPING CONDITIONS
 BLOOD	Draw blood in an EDTA (purple-top) tube(s) and send 3-5 cc for adults/children or 3 cc for infants < 2 years.	Ship at room or refrigerated temperature in an insulated container by overnight courier. Do not heat or freeze.
 BUCCAL SWAB	Collect with ORAcollect•Dx (OCD-100) self-collection kit (provided by Baylor Genetics with instructions). We highly recommend the sample be collected by a healthcare professional.	Ship at room temperature in an insulated container by overnight courier. Do not heat or freeze.
 CORD BLOOD	Draw blood in an EDTA (purple-top) tube(s) and send 3 cc.	Ship at room or refrigerated temperature in an insulated container by overnight courier. Do not heat or freeze.
 CULTURED SKIN FIBROBLAST	Send two T25 flasks at 80-100% confluence.	Ship at room temperature in an insulated container by overnight courier. Do not heat or freeze.
 EXTRACTED DNA	Send at least 20µg of extracted DNA (minimal concentration of 50ng/µL; A260/A280 of ~1.7).	Ship at room temperature in an insulated container by overnight courier. Do not heat or freeze.
 SALIVA	Saliva should be collected with an Oragene DNA self-collection kit.	Ship at room temperature in an insulated container by overnight courier. Do not heat or freeze.