

TEST CHANGE

Genome Sequencing, Familial Comparator

3019951, WGS FM

Specimen Requirements:

Patient Preparation:

Collect: Preferred: Whole blood in lavender (EDTA) or pink (EDTA)
Acceptable: Oragene(TM) saliva collection kit ([ARUP Supply #66513, available online through eSupply using ARUP Connect\(TM\) or contact ARUP Client Services at \(800\)522-2787](#)); or equivalent saliva collection device [suitable for human DNA extraction](#), collected in accordance with manufacturer instructions. ~~Saliva in collection device suitable for human DNA extraction.~~
New York State Clients: ARUP cannot facilitate testing for New York patients. Please work directly with a New York-approved laboratory.

Specimen Preparation: Transport 2 mL whole blood (Min: 0.5 mL) or 2 mL saliva.

Transport Temperature: Refrigerated.

Unacceptable Conditions:

Remarks: Refer to Genome Sequencing (ARUP test code 3019943) for proband specimen requirements.

This test is used for parental or other familial comparator samples associated with a proband sample submitted for Genome Sequencing (ARUP test code 3019943). Comparator samples must be submitted within 7 days of the proband's sample. Please list the name/DOB of submitted familial comparators on the proband's Genome Sequencing Intake Form.

Stability: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable

Methodology: Qualitative Massively Parallel Sequencing

Note: Parental or other familial comparator samples are used to aid interpretation of the proband's genome sequencing data.

Contact ARUP's genetic counselors at 800-242-2787 ext. 2141 with questions about test submission.

[When testing cord blood specimens, the presence of maternal cell contamination \(MCC\) is possible, which may impact result interpretation. If clinically warranted, testing for MCC is](#)

available, at a charge, through ARUP Laboratories.

CPT Codes:	NA
New York DOH Approval Status:	Specimens from New York clients will be sent out to a New York DOH approved laboratory, if possible.
Interpretive Data:	
Refer to report.	
Reference Interval:	

HOTLINE NOTE: There is a price change associated with this test. Please contact ARUP Client Services at (800) 522-2787 for additional information.