

TEST CHANGE

Rapid Genome Sequencing, Familial Comparator

3019953, RWGS 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 Rapid Genome Sequencing (ARUP test code 3019947) for proband specimen requirements.

This test is used for parental or other familial comparator samples associated with a proband sample submitted for Rapid Genome Sequencing (ARUP test code 3019947). Comparator sample(s) should be submitted at the same time as the proband's specimen to ensure best possible turnaround time. Comparator samples **MUST** be submitted within 3 days of the proband's sample to be included in analysis. 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.