

**TEST CHANGE**

**Rapid Genome Sequencing**

3019947, RWGS PRO

**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, Familial Comparator (ARUP test code 3019953) for comparator specimen requirements.  
  
Parental comparator samples are required for optimal whole genome analysis. 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.  
  
Secondary findings are reported for the proband and comparators unless "opt out" is selected on the proband's Genome Sequencing Intake Form.

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

**Methodology:** Qualitative Massively Parallel Sequencing

**Note:** The ability to identify causative variant(s) for the patient's presentation is strongly influenced by the quality of the clinical information required.

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: 81425; 81460; add 81426; 81460 per familial comparator

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:

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