NEW AT ARUP GENETICS:

Rapid Whole Genome Sequencing

RAPID DIAGNOSES FOR NEWBORN PATIENTS IN ACUTE CARE

Rapid Whole Genome Sequencing (3005935)

- Comprehensive first-line test to determine the etiology of a patient's symptoms in acute settings (e.g., the NICU) if a Mendelian genetic condition is suspected.
- Trio testing of samples from the proband and both parents provides optimal diagnostic yield and results interpretation.
- Final results are reported within 7 days, so you and the families you serve have the data needed to make informed choices.

ACCURATE RESULTS WHEN ANSWERS MATTER MOST

Rapid whole genome sequencing, compared with other testing methods, may increase diagnostic yield or shorten time to diagnosis for NICU patients and has the potential to meaningfully impact care management.[1,2]

LEARN HOW OUR TESTS CAN IMPROVE PATIENT OUTCOMES:

References: 1. Petrikin JE, et al. The NSIGHT1-randomized controlled trial: rapid whole-genome sequencing for accelerated etiologic diagnosis in critically ill infants. *NPJ Genom Med.* 2018;3:6. **2.** Farnaes L, et al. Rapid whole-genome sequencing decreases infant morbidity and cost of hospitalization. *NPJ Genom Med.* 2018;3:10.

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