Lab Dept: Anatomic Pathology

Test Name: CONGENITAL ADRENAL HYPOPLASIA (DAX1/NROB1) SEQUENCING

General Information

Lab Order Codes: DAX1

Synonyms: X-Linked Adrenal Hypoplasia Sequencing; NROB1 Sequencing; DAX1 Sequencing

CPT Codes: 81404 – Molecular Pathology procedure, Level 5

Test Includes: DNA sequence analysis of the entire gene encoding the nuclear receptor, subfamily 0, group B, member 1 (NR0B1, also known as DAX1) associated with X-linked adrenal hypoplasia congenita.

Logistics

Test Indications: N/A

Lab Testing Sections: Anatomic Pathology – Sendouts

Referred to: All Children’s Hospital – Florida (Test: NR0B1)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: Results are reported in 2-3 weeks

Special Instructions: Complete an All Children’s Request Form and send with the patient or sample to the lab.

Specimen

Specimen Type: Whole blood

Container: Lavender top (EDTA) tube

Draw Volume: 2 mL (Minimum: 0.5 mL) blood

Processed Volume: Same as Draw Volume
**Collection:**  
Routine venipuncture

**Special Processing:**  
Lab Staff: Do Not Centrifuge. Specimen should remain in the original collection container. Store and ship at ambient temperature.

**Patient Preparation:**  
N/A

**Sample Rejection:**  
Mislabeled or unlabeled specimens

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**Interpretive**

**Reference Range:**  
Interpretive report

**Critical Values:**  
N/A

**Limitations:**  
N/A

**Methodology:**  
DNA Sequence Analysis

**References:**  
All Children’s Hospital Genetics June 2018  
(800) 456-4543

**Updates:**  
2/4/2013: CPT update