
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 (NROB1, 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: NROB1)

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

Interpretive

Reference Range:	Interpretive report
Critical Values:	N/A
Limitations:	N/A
Methodology:	DNA Sequence Analysis
References:	All Children's Hospital Genetics April 2010 (800) 456-4543
Updates:	2/4/2013: CPT update