
Lab Dept: Anatomic Pathology

Test Name: CONGENITAL ADRENAL HYPERPLASIA
(CYP11B1) SEQUENCING

General Information

Lab Order Codes: CYPB

Synonyms: CAH CYP11B1 Sequencing; CYP11B1 Sequencing; CYP21A2 Sequencing

CPT Codes: 81405 – Molecular Pathology Level 6

Test Includes: CYP11B1 sequencing

Logistics

Test Indications: Testing for monogenic hypertension; androgen excess, virilization, and hypertension; family history of congenital adrenal hyperplasia.

Lab Testing Section: Anatomic Pathology – Sendouts

Referred to: Athena Diagnostics Laboratory (Athena Test: 774)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily

Turnaround Time: 2 - 4 weeks

Special Instructions: Include forms [Athena requisition](#) and "[The Medical Practitioner's Authorization form](#)" with specimens.

Specimen

Specimen Type: Whole blood

Container: Lavender top (EDTA) tube

Draw Volume: 8 mL (Minimum: 1 mL) blood.

Processed Volume: Same as Draw Volume

Collection: Routine blood collection

Special Processing: Lab Staff: Do Not Centrifuge. Specimen should remain in original collection container. Store and ship at room temperature via overnight courier to Athena Monday-Friday. Specimens should not be shipped on Saturdays or any day preceding a holiday. Specimens are stable at room temperature for 10 days. Plan shipments accordingly. Forward promptly.

Patient Preparation: None

Sample Rejection: Mislabeled or unlabeled specimens

Interpretive

Reference Range: Interpretive report

Limitation: Hemolysis may compromise DNA recovery and integrity after 48hrs.

Methodology: Sanger sequencing

References: [Athena Diagnostics Laboratory](#) January 2018
(800) 394-4493 Fax: (508) 753-5601

Updates: 3/6/2014: CPT updates