Lab Dept: Anatomic Pathology

Test Name: POLYCYSTIC KIDNEY DISEASE (PKD1/PKD2) SEQUENCING

General Information

Lab Order Codes: PKDX

Synonyms: Autosomal Dominant Polycystic Kidney Disease; PKDX

CPT Codes: 81406 x1 – Molecular Pathology, Level 7
            81407 x1 – Molecular Pathology, Level 8

Test Includes: Sequencing of the PKD1 and PKD2 genes

Logistics

Test Indications: Use to detect sequence variants in PKD1 and PKD2.

Lab Testing Sections: Anatomic Pathology – Sendouts

Referred to: Athena Diagnostic Laboratory (Athena Test: 8103 & 8104)

Phone Numbers:
MIN Lab: 612-813-6280
STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: Results are reported in 14 – 28 days

Special Instructions: Note if patient is symptomatic or asymptomatic. If the patient is asymptomatic, complete and submit "Medical Practitioner’s Authorization form" and an Athena Request Form with the specimen or patient to the laboratory.

Specimen

Specimen Type: Whole blood

Container: Lavender top (EDTA) tube

Draw Volume: 8 mL (Minimum: 2 mL) blood

Processed Volume: Same as Draw Volume
### Collection:
Routine blood collection

### Special Processing:
Lab Staff: Do Not Centrifuge. Specimen should remain in the original collection container. Store and ship at room temperature. Forward promptly.

### Patient Preparation:
None

### Sample Rejection:
Mislabeled or unlabeled specimens

### Interpretive

<table>
<thead>
<tr>
<th><strong>Reference Range:</strong></th>
<th>No sequence variants in PKD1 and PKD2.</th>
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</thead>
<tbody>
<tr>
<td><strong>Critical Values:</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Limitations:</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Methodology:</strong></td>
<td>Sanger sequencing</td>
</tr>
<tr>
<td><strong>References:</strong></td>
<td><a href="#">Athena Diagnostics</a> May 2018</td>
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<td></td>
<td>(800) 394-4493  Fax: (508) 753-5601</td>
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### Updates:
2/7/2013: CPT update  
3/6/2014: CPT update  
5/15/2018: Method and volume update