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 Athorization 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

Reference Range:	No sequence variants in PKD1 and PKD2.
Critical Values:	N/A
Limitations:	N/A
Methodology:	Sanger sequencing
References:	Athena Diagnostics May 2018 (800) 394-4493 Fax: (508) 753-5601
Updates:	2/7/2013: CPT update 3/6/2014: CPT update 5/15/2018: Method and volume update