
Lab Dept: Anatomic Pathology

Test Name: RIGHTMED PHARMACOGENETICS

Lab Order Codes: RPHA

Synonyms: N/A

CPT Codes: 81479 – Unlisted Molecular Pathology procedure.

Test Includes: Analysis of 22 genes: CYP1A2, CYP2B6, CYP2C9, CYP2C19, CYP2D6, CYP3A4, CYP3A5, COMT, DPYD, DRD2, F2, F5, GRIK4, HTR2A, HRT2C, IL28B (IFNL3), NUDT15, OPRM1, SLCO1B1, TPMT, UGT1A1, VKORC1

Logistics

Test Indications: The test includes 22 genes and covers more than 340 medications and over 20 conditions (Acute migraine, Allergies, Alzheimer's disease, Anticoagulation, Antiplatelet therapy, Arrhythmias, Bacterial infection, Benign prostatic hyperplasia, Cancer, Chronic hepatitis, Depression/anxiety, Diabetes, Fungal infection, Gastroesophageal reflux disease (GERD), Gout, HIV infection, Hypercholesterolemia, Hypertension, Immunosuppression, Migraine prophylaxis, Overactive bladder, Pain, Parkinson's disease, Psychosis, Rheumatoid arthritis, Seizure, Sleep disorders, Smoking cessation)

Lab Testing Sections: Anatomic Pathology - Sendouts

Referred to: OneOme

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 2 weeks

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container:	Lavender top (EDTA) tube Alternate: Yellow top (ACD) tube, Buccal Swab
Draw Volume:	Minimum: 1 mL blood
Processed Volume:	Same as Draw Volume
Collection:	Routine venipuncture
Special Processing:	Lab Staff: Invert several times to mix blood. Send specimen in original tube. Tube must be labeled with collection date and two unique patient identifiers. Ship at refrigerated temperature. Store refrigerated if collected on a weekend or holiday and ship the next business day. Samples are stable 3 weeks under refrigeration. Send specimens Monday – Friday Only.
Patient Preparation:	None
Sample Rejection:	Mislabeled or unlabeled specimens

Interpretive

Reference Range:	An interpretive report will be provided.
Critical Values:	N/A
Limitations:	N/A
Methodology:	Genomic DNA analysis with Polymerase Chain Reaction (PCR)
References:	OneOme.com September 2017