
Lab Dept: **Anatomic Pathology**

Test Name: **PHARMACOSCAN PANEL**

General Information

Lab Order Codes: PHAR

Synonyms: N/A

CPT Codes: 81479 – Molecular pathology, unlisted
81225 – CYP2C19 Gene analysis
81226 – CYP2D6 Gene analysis
81227 – CYP2C9 Gene analysis
81381 – HLA Class I, one allele or group
81401 – Molecular pathology, level 2
81355 – VKORC1 Gene analysis
81291 – MTHFR Gene analysis
81275 – KRAS Gene analysis
81220 – CFTR Gene analysis
81235 – EGFR Gene analysis
82955 – Glucose-6-phosphate dehydrogenase, quantitative
81400 – Molecular pathology, level 1
81383 – HLA Class II, one allele or group
88344 – Immunohistochemistry, each multiplex antibody stain procedure

Test Includes: Genomic testing and clinical analysis of relative pharmacogenetic genes and HLA typing for known associations with drug metabolism and hypersensitivity.

Logistics

Test Indications: Pharmacogenomic risk factor screening

Lab Testing Sections: Anatomic Pathology - Sendouts

Referred to: RPRD Diagnostics

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 4 – 6 weeks

Special Instructions: See [Special Processing](#)

Specimen

Specimen Type:	Whole blood
Container:	Lavender (EDTA) top tube
Draw Volume:	5 mL (Minimum: 3 mL) blood
Processed Volume:	Same as Draw Volume
Collection:	Routine venipuncture
Special Processing:	Lab Staff: Do Not centrifuge. Specimen should remain as whole blood in original collection container. Store and ship at refrigerated temperatures. Note: Specimen stability – DNA must be extracted within 5 days of collection.
Patient Preparation:	N/A
Sample Rejection:	Mislabeled or unlabeled specimens

Interpretive

Reference Range:	An interpretive report will be provided
Critical Values:	N/A
Limitations:	N/A
Methodology:	Microarray
References:	RPRD Diagnostics May 2017
Update:	11/3/2017: Added specimen stability