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. Include completed requisition with the specimen or with the patient presenting at the laboratory.
**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 blood collection

**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

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**Interpretive**

**Reference Range:** An interpretive report will be provided

**Critical Values:** N/A

**Limitations:** N/A

**Methodology:** Microarray

**References:** [RPRD Diagnostics](http://example.com) April 2018

**Update:** 11/3/2017: Added specimen stability