

Reporting Title: Focused Pharmacogenomics Panel, V

Performing Location: Rochester

Specimen Requirements:

Submit only 1 of the following specimens:

Specimen Type: Whole blood

Container/Tube: Lavender top (EDTA)

Specimen Volume: 3 mL

Collection Instructions:

1. Invert several times to mix blood.

2. Send whole blood specimen in original tube. **Do not aliquot.**

Specimen Stability Information: Ambient (preferred) 9 days/Refrigerated 30 days

Specimen Type: Saliva

Patient Preparation: Patient should not eat, drink, smoke, or chew gum 30 minutes prior to collection.

Supplies: Saliva Swab Collection Kit (T786)

Specimen Volume: 1 Swab

Collection Instructions: Collect and send specimen per kit instructions.

Additional Information: Due to lower concentration of DNA yielded from saliva, testing cannot proceed to reflex testing for 2D6 sequencing and will stop after initial testing is complete.

Specimen Stability Information: Ambient 30 days

Specimen Type: Extracted DNA

Container/Tube: 2-mL screw top tube

Specimen Volume: 100 mcL (microliters)

Collection Instructions:

1. The preferred volume is 100 mcL at a concentration of 50 ng/mcL.

2. Provide concentration of DNA and volume on tube.

Specimen Stability Information: Frozen (preferred) 1 year/Ambient/Refrigerated

Forms:

1. **New York Clients-Informed consent is required.** Document on the request form or electronic order that a copy is on file. The following documents are available:

-[Informed Consent for Genetic Testing](#) (T576)

-[Informed Consent for Genetic Testing-Spanish](#) (T826)

2. If not ordering electronically, complete, print, and send 1 of the following forms with the specimen:

-[Neurology Specialty Testing Client Test Request](#) (T732)

-[Therapeutics Test Request](#) (T831)

-[Cardiovascular Test Request](#) (T724)

Specimen Type	Temperature	Time	Special Container
Varies	Varies		

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
610185	CYP1A2 Genotype	Alphanumeric		72884-0
610186	CYP1A2 Phenotype	Alphanumeric		94254-0
610187	CYP2C19 Genotype	Alphanumeric		57132-3
610188	CYP2C19 Phenotype	Alphanumeric		79714-2
610570	CYP2C19 Activity Score	Alphanumeric		In Process
610189	CYP2C9 Genotype	Alphanumeric		46724-1
610190	CYP2C9 Phenotype	Alphanumeric		79716-7
610571	CYP2C9 Activity Score	Alphanumeric		In Process
610191	CYP2D6 Genotype	Alphanumeric		40425-1
610192	CYP2D6 Phenotype	Alphanumeric		79715-9
610572	CYP2D6 Activity Score	Alphanumeric		In Process
610193	CYP3A4 Genotype	Alphanumeric		81139-8
610194	CYP3A4 Phenotype	Alphanumeric		81145-5
610195	CYP3A5 Genotype	Alphanumeric		81140-6
610196	CYP3A5 Phenotype	Alphanumeric		79717-5
610197	SLCO1B1 Genotype	Alphanumeric		93412-5
610198	SLCO1B1 Phenotype	Alphanumeric		79722-5
610199	Warfarin CYP2C9 Genotype	Alphanumeric		46724-1
610201	Warfarin VKORC1 Resistance Genotype	Alphanumeric		50722-8
610200	Warfarin VKORC1 Promoter Genotype	Alphanumeric		50722-8
614000	Warfarin CYP2C9 and VKORC1 Promoter Phenotype	Alphanumeric		54451-0
610202	Warfarin CYP4F2 *3 Genotype	Alphanumeric		93197-2
610203	Warfarin rs12777823 Genotype	Alphanumeric		93198-0
610204	Interpretation	Alphanumeric		69047-9
610205	Additional Information	Alphanumeric		48767-8
610207	Disclaimer	Alphanumeric		62364-5
610208	Reviewed by	Alphanumeric		18771-6
610206	Method	Alphanumeric		85069-3

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

Supplemental RE

CPT Code Information:

- 0029U
- 0071U (if appropriate)
- 0072U (if appropriate)
- 0073U (if appropriate)
- 0074U (if appropriate)
- 0075U (if appropriate)

0076U (if appropriate)

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
2D61Z	CYP2D6 Full Gene Sequence	1	0071U	No	No, (Bill Only)
2D62Z	CYP2D6 GEN CYP2D6-2D7 Hybrid	1	0072U	No	No, (Bill Only)
2D63Z	CYP2D6 GEN CYP2D7-2D6 Hybrid	1	0073U	No	No, (Bill Only)
2D64Z	CYP2D6 Nonduplicated Gene	1	0074U	No	No, (Bill Only)
2D65Z	CYP2D6 5' Gene DUP/MLT	1	0075U	No	No, (Bill Only)
2D66Z	CYP2D6 3' Gene DUP/MLT	1	0076U	No	No, (Bill Only)

Reference Values:

An interpretive report will be provided.