
Reporting Title: Psychotropic PGx Panel, V**Performing Location:** Rochester**Necessary Information:**

Prior Authorization is available, but not required, for this test. If proceeding with the prior authorization process, submit the required form with the specimen.

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: 2 Swabs, use 2 kits for collection

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 CYP2D6 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

Specimen Minimum Volume:

Blood: 1 mL

Saliva, extracted DNA: see Specimen Required

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. Psychotropic Pharmacogenomics Gene Panel Prior Authorization Ordering Instructions
3. If not ordering electronically, complete, print, and send a Therapeutics Test Request (T831) with the specimen.

Specimen Type	Temperature	Time	Special Container
Varies	Varies		

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
610209	ADRA2A rs1800544 Genotype	Alphanumeric		94401-7
610210	ANKK1 rs1800497 Genotype	Alphanumeric		94402-5
610211	CHRNA3 rs1051730 Genotype	Alphanumeric		94403-3
610212	COMT rs4680 Genotype	Alphanumeric		74511-7
610213	CYP1A2 Genotype	Alphanumeric		72884-0
610214	CYP1A2 Phenotype	Alphanumeric		94254-0
610215	CYP2B6 Genotype	Alphanumeric		72882-4
610216	CYP2B6 Phenotype	Alphanumeric		79720-9
610573	CYP2B6 Activity Score	Alphanumeric		In Process
610217	CYP2C19 Genotype	Alphanumeric		57132-3
610218	CYP2C19 Phenotype	Alphanumeric		79714-2
610574	CYP2C19 Activity Score	Alphanumeric		In Process
610219	CYP2C9 Genotype	Alphanumeric		46724-1
610220	CYP2C9 Phenotype	Alphanumeric		79716-7
610575	CYP2C9 Activity Score	Alphanumeric		In Process
610221	CYP2D6 Genotype	Alphanumeric		40425-1
610222	CYP2D6 Phenotype	Alphanumeric		79715-9
610576	CYP2D6 Activity Score	Alphanumeric		In Process
610223	CYP3A4 Genotype	Alphanumeric		81139-8
610224	CYP3A4 Phenotype	Alphanumeric		81145-5
610225	CYP3A5 Genotype	Alphanumeric		81140-6
610226	CYP3A5 Phenotype	Alphanumeric		79717-5
610227	DRD2 rs1799978 Genotype	Alphanumeric		94411-6

Result ID	Reporting Name	Type	Unit	LOINC®
610228	EPHX1 rs2234922 Genotype	Alphanumeric		94412-4
610229	GRIK4 rs1954787 Genotype	Alphanumeric		94413-2
610230	HLA-A*31:01 Genotype	Alphanumeric		79712-6
610231	HLA-B*15:02 Genotype	Alphanumeric		57979-7
610232	HTR2A rs7997012 Genotype	Alphanumeric		93190-7
610233	HTR2C rs3813929 Genotype	Alphanumeric		93191-5
610234	HTR2C rs1414334 Genotype	Alphanumeric		93192-3
610235	MTHFR Genotype	Alphanumeric		94414-0
610236	OPRM1 rs1799971 Genotype	Alphanumeric		94415-7
610237	SCN1A rs3812718 Genotype	Alphanumeric		94416-5
610238	SLC6A4 5HTTLPR Genotype	Alphanumeric		94417-3
610239	UGT2B15 rs1902023 Genotype	Alphanumeric		94418-1
610240	Interpretation	Alphanumeric		69047-9
610241	Additional Information	Alphanumeric		48767-8
610242	Method	Alphanumeric		85069-3
610243	Disclaimer	Alphanumeric		62364-5
610244	Reviewed by	Alphanumeric		18771-6

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

Supplemental RE

CPT Code Information:

81418

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
2D61Z	CYP2D6 Full Gene Sequence			No	No (Bill Only)

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
2D62Z	CYP2D6 GEN CYP2D6-2D7 Hybrid			No	No (Bill Only)
2D63Z	CYP2D6 GEN CYP2D7-2D6 Hybrid			No	No (Bill Only)
2D64Z	CYP2D6 Nonduplicated Gene			No	No (Bill Only)
2D65Z	CYP2D6 5' Gene DUP/MLT			No	No (Bill Only)
2D66Z	CYP2D6 3' Gene DUP/MLT			No	No (Bill Only)

Reference Values:

An interpretive report will be provided.