

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

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
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Varies	Varies		
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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
610227	DRD2 rs1799978 Genotype	Alphanumeric		94411-6
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
610223	CYP3A4 Genotype	Alphanumeric		81139-8

610224	CYP3A4 Phenotype	Alphanumeric		81145-5
610225	CYP3A5 Genotype	Alphanumeric		81140-6
610226	CYP3A5 Phenotype	Alphanumeric		79717-5

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	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.