

PHARMACOGENOMICS TEST TO BETTER TREAT PSYCHIATRIC DISEASES & DISORDERS

**23
Genes**

PGxOne™ Plus is a pharmacogenomics test that can help predict how a patient will respond to drug therapy based on individual genetic makeup.

- Genetic variants affect drug absorption, metabolism and activity. Results guide effective treatment decisions, potentially reducing adverse drug events (ADEs) and trial-and-error drug selection and dosing.
- Provides recommendations for over 300 commercial drugs, with extensive coverage of psychiatric drugs
- Cutting-edge Next Generation Sequencing (NGS) technology enables comprehensive coverage of ~200 genetic variants in 50 genes.
- Delivers medically actionable recommendations in an easy to interpret report.

Psych Gene Panel

ABCB1	ADRA2A	ANKK1	CES1	CNR1	COMT
CYP1A2	CYP2C19	CYP2D6	CYP3A4	CYP3A5	DRD1
DRD2	FAAH	GRIK4	HLA-B	HTR1A	HTR2A
HTR2C	OPRM1	SCN2A	SLC6A4	UGT2B15	



Considered for patients diagnosed with the following psychiatric diseases & disorders:

- ADHD
- Alcohol/Substance use disorder
- Anxiety disorders
- Autism
- Bipolar
- Bipolar disorder
- Depression
- Eating disorder
- OCD
- Panic disorder
- Psychosis
- PTSD
- Schizophrenia
- Tourette syndrome



PSYCHIATRIC DRUG CLASSES AND REPRESENTATIVE MEDICATIONS

Antidepressants

- Amitriptyline (Elavil®)
- Citalopram (Celexa®)*
- Clomipramine (Anafranil®)
- Desipramine (Norpramin®)
- Doxepin (Silenor®)
- Duloxetine (Cymbalta®)*
- Escitalopram (Lexapro®)*
- Fluoxetine (Prozac®)*
- Fluvoxamine (Luvox®)*
- Imipramine (Tofranil®)
- Levomilnacipran (Fetzima®)
- Maprotiline
- Milnacipran (Savella®)
- Mirtazapine (Remeron®)*
- Nortriptyline (Pamelor®)
- Paroxetine (Paxil®)*
- Protriptyline (Vivactil®)
- Reboxetine (Edronax®)
- Sertraline (Zoloft®)
- Trazodone (Desyrel®)*
- Trimipramine (Surmontil®)
- Venlafaxine (Effexor®)*
- Vilazodone (Viibryd®)*
- Vortioxetine (Trintellix®)*

ADHD

- Dexamethylphenidate (Focalin®)
- Lisdexamfetamine (Vyvanse®)
- Methamphetamine (Desoxyn®)
- Methylphenidate (Ritalin®)
- Dextroamphetamine and Amphetamine (Adderall®)
- Atomoxetine (Strattera®)

Antipsychotics

- Aripiprazole (Abilify®)*
- Clozapine (Clozaril®)
- Haloperidol (Haldol®)
- Iloperidone (Fanapt®)
- Olanzapine (Zyprexa®)*
- Perphenazine
- Pimozide (Orap®)
- Risperidone (Risperdal®)*
- Thioridazine (Mellaril®)
- Brexpiprazole (Rexulti®)
- Chlorpromazine
- Fluphenazine
- Quetiapine (Seroquel®)*

Anti-Anxiety

- Alprazolam (Xanax®)*
- Diazepam (Valium®)*
- Lorazepam (Ativan®)*
- Oxazepam (Serax®)
- Buspirone (Buspar®)*

Alcohol/Substance use disorder

- Buprenorphine/Naloxone (Suboxone®)
- Naloxone (Evzio®)
- Naltrexone (Revia®)
- Disulfiram (Antabuse®)

Other

- Cannabinoids
- Cocaine
- Ethanol
- Dextromethorphan and Quinidine (Nuedexta®)

Mood Stabilizer

- Lithium (Lithobid®)
- Carbamazepine (Tegretol®)*
- Lamotrigine (Lamictal®)*
- Valproic acid (Depakote®)*

*Most Commonly prescribed drugs for PTSD