

PHARMACOGENOMICS TEST TO BETTER MANAGE ATTENTION-DEFICIT HYPERACTIVITY DISORDER (ADHD)



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, including the most frequently prescribed ADHD 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.

Core ADHD symptoms include*:

Persistent Inattention

angsar

• Hyperactivity/Impulsivity

Core ADHD features manifest before age 12, with symptoms being present in at least in two or more settings (home, school or work) and resulting in functional impairment.

ADHD Gene Panel

CES1	сомт	CYP2C19	CYP2D6
DRD1	FAAH	OPRM1	



Recommendations for ADHD medication include:

- Atomoxetine (Strattera®)
- Dextroamphetamine IR (Dexedrine®)
- Dexmethylphenidate IR (Focalin[®])
- Dextroamphetamine/Amphetamine IR (Adderall®)
- Lisdexamfetamine (Vyvanse®)
- Methamphetamine (Desoxyn®)
- Methylphenidate IR (Ritalin®)
- Imipramine (Tofranil®)
- Nortriptyline (Pamelor®)

*Diagnostic and Statistical Manual of Mental Disorders (DSM-5)



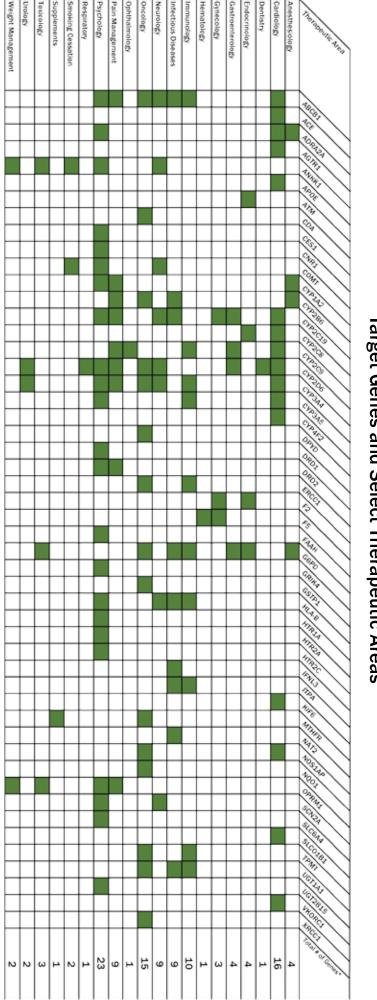
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Target Genes and Select Therapeutic Areas

PGxOne[™] Plus provides comprehensive coverage for major therapeutic areas.

50 Genes

PGxOne^m Plus