PGxOne™ Plus

[50 genes]

PHARMACOGENOMICS TEST TO BETTER TREAT PATIENTS

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, cardiac and pain medications
- 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

Selected Covered Drug Classes from Major Therapeutic Areas

ONCOLOGY

- TaxaneDerivative
- Antimetabolite
- Platinum Analog
- Alkylating Agent
- Anthracycline
- Chemotherapy Modulating Agent
- Urate-Oxidase
- Estrogen Receptor Modulator
- Kinase Inhibitor
- Antiemetic Topoisomerase Inhibitors
- Immunomodulators
- VincaAlkaloids

CARDIOLOGY

- ACE Inhibitors
- Angiotensin II Receptor Blockers (ARBs)
- Antianginal Agent
- Antiarrhythmic Agent
- Anticoagulant
- Antiplatelet
- Beta Blockers
- Calcium Channel Blockers
- Diuretics
- Phosphodiesterase Inhibitors
- AntilipemicAgent(statins)
- Vasodilators

PSYCHIATRY

- Aldehyde Dehydrogenase Inhibitors
- Antianxiety Agents
- Antidepressants
- AntimanicAgents
- Antipsychotics
- Benzodiazepines
- Tricyclic Antidepressants
- Cannabinoids
- SNRIs
- SSRIs
- Stimulants

PAIN MANAGEMENT

- Anesthetics
- Central α-2 Adrenergic Agonists
- Alpha2-Adrenergic Agonist
- NSAIDs
- Opioids
- Opioids Antagonists
- Serotonin Receptor Agonists
- Skeletal Muscle Relaxant

NEUROLOGY

- Anticonvulsant Drugs
- Barbiturates
- COMT Inhibitors
- Monoamine Depletors
- Antimigraine Agent

INFECTIOUS DISEASES

- Antibiotics
- Antimalarial Drugs
- Antiviral Drugs
- Protease Inhibitors

Associated drugs carry pharmacogenomics recommendations put forth by the US Food and Drug Administration (FDA), European Medicines Agency (EMA), Clinical Pharmacogenetics Implementation Consortium (CPIC), Dutch Pharmacogenetics Working Group (DPWG), Pharmaceuticals and Medical Devices Agency, Japan (PMDA), and/or related pharmacogenomics publications.

HELICE
GENOMIC SCIENCES, INC.

helicegenomics.com
info@helicegenomics.com
+632 624 9684 · +63917 865 8743

PGxOne™ Plus

[50 genes]

PHARMACOGENOMICS TEST TO
BETTER TREAT PATIENTS

PGxOne™ Plus provides comprehensive coverage for major therapeutic areas.

Target Genes and Select Therapeutic Areas

Therapeutic Area	ABCB1	ACE	ADRA2A	AGTR1	ANKK1	APOE	ATM	CDA	CES1	CNR1	COMT	CYP1A2	CYP2B6	CYP2C19	CYP2C8	CYP2C9	CYP2D6	CYP3A4	CYP3A5	CYP4F2	DPYD	DRD1	DRD2	ERCC1	F2	F5	FAAH	G6PD	GRIK4	GSTP1	HLA-B	HTR1A	HTR2A	HTR2C	IFNL3	ITPA	KIF6	MTHFR	NAT2	NOS1AP	NQO1	OPRM1	SCN2A	SLC6A4	SLCO1B1	TPMT	UGT1A1	UGT2B15	VKORC1	XRCC1	Total # of Genes*
Anesthesiology			■									■	■															■																							4
Cardiology	■	■	■	■		■								■	■	■	■	■	■	■																	■			■				■					■		16
Dentistry																■																																		1
Endocrinology							■							■											■			■																							4
Gastroenterology													■			■	■											■																							4
Gynecology													■												■	■																									3
Hematology																										■																									1
Immunology	■															■		■	■					■				■			■					■											■	■			10
Infectious Diseases	■												■	■														■			■				■	■			■								■			9
Neurology	■				■						■			■			■	■													■												■							9
Oncology	■							■					■				■	■			■			■				■		■							■		■	■						■	■		■	15
Ophthalmology																■																																		1
Pain Management	■										■	■	■			■	■	■				■																						■							9
Psychology	■		■		■				■	■	■	■		■			■	■	■			■	■			■		■		■	■	■	■									■	■	■			■		23
Respiratory																■																																		1
Smoking Cessation					■						■																																								2
Supplements																																				■														1
Toxicology					■																						■														■										3
Urology																■	■																																		2
Weight Management					■																																				■										2

*PGxOneTMPlus is the most comprehensive, commercially available pharmacogenomics test covering more genes than competitors

Testing and interpretation performed by Admera Health LLC · 126 Corporate Boulevard, South Plainfield, New Jersey, USA 07080 · OncoGxOne™ is a trademark of Admera Health. LLC.

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