

## PHARMACOGENOMICS TEST TO BETTER TREAT CARDIOVASCULAR DISEASES & CONDITIONS

[ 16 Genes ]

PGxCardio™ is a pharmacogenomics test that helps predict how a patient will respond to cardiac drug therapy based on their individual genetic makeup and phenotype related to drug absorption, metabolism and activity. PGxCardio™ can be utilized as a stand alone test or paired with the AtheroGxOne™ and CardioGxOne™ as a reflex test, providing essential information to help guide effective treatment decisions and potentially reduce adverse drug events.

### Recommended for patients with the following cardiovascular disorders:

- Acute Coronary Syndrome (ACS)
- Angina pectoris
- Atherosclerosis
- Atrial Fibrillation (AFIB)
- Cerebrovascular Disease (Stroke)
- Chronic Ischemic Heart Disease (IHD)
- Coronary Heart Disease (CHD)
- Dyslipidemia/Hypercholesterolemia
- Heart Failure (HF)
- Hypertension
- Peripheral Vascular Disease (PWD)
- Thromboembolic Disorders
- Ventricular Fibrillation (VF)
- Ventricular Tachycardia (VT)

### PGxCardio™ Gene Panel

ABCB1	ACE	ADRA2A	AGTR1
APOE	CYP2C19	CYP2C9	CYP2D6
CYP3A4	CYP3A5	CYP4F2	KIF6
NAT1	NOS1AP	SLCO1B1	VKORC1

### Recommendations for the following cardiac medications:

Amiodarone (Cordarone®)	Digoxin (Lanoxin®)	Lisinopril/HCTZ (Prinzide®)	Propranolol (Inderal LA®)
Amlodipine (Norvasc®)	Diltiazem (Cardizem®)	Losartan (Cozaar®)	Quinapril (Accupril®)
Amlodipine/Benazepril (Lotrel®)	Dronedarone (Multaq®)	Losartan/HCTZ (Hyzaar®)	Quinapril/HCTZ (Accuretic®)
Atenolol (Tenormin®)	Enalapril/HCTZ (Vaseretic®)	Lovastatin (Mevacor®)	Ranolazine (Ranexa®)
Atorvastatin (Lipitor®)	Felodipine (Plendil®)	Metoprolol Tartrate (Lopressor®)	Rivaroxaban (Xarelto®)
Atorvastatin/Ezetimibe (Liptruzet)	Fenofibrate (Tricor®)	Metoprolol/HCTZ (Lopressor HCT®)	Rosuvastatin (Crestor®)
Benazepril (Lotensin®)	Flecainide (Tambocor®)	Nebivolol (Bystolic®)	Simvastatin (Zocor®)
Benazepril/HCTZ (Lotensin HCT®)	Fluvastatin (Lescol®)	Nifedipine (Adalat®)	Simvastatin/Ezetimibe (Vytorin®)
Bumetanide (Bumex®)	Furosemide (Lasix®)	Nisoldipine (Sular®)	Spironolactone (Aldactone®)
Candesartan (Atacand®)	Hydralazine	Nitrendipine (Nitrepin®)	Spironolactone/HCTZ (Aldactazide®)
Candesartan/HCTZ (Atacand HCT®)	Hydralazine/Isosorbide (Bidil®)	Nitroprusside (Nitropress®)	Ticagrelor (Brilinta®)
Captopril (Capoten®)	Hydrochlorothiazide (Microzide®)	Perindopril (Aceon®)	Torsemide (Demadex®)
Captopril/HCTZ (Capozide®)	Irbesartan (Avapro®)	Phenprocoumon (Marcoumar®)	Verapamil (Calan®)
Carvedilol (Coreg®)	Irbesartan/HCTZ (Avalide®)	Pitavastatin (Livalo®)	Warfarin (Coumadin®)
Cilostazol (Pletal®)	Ivabradine (Corlanor®)	Pravastatin (Pravachol®)	
Clopidogrel (Plavix®)	Lercanidipine (Zanidip®)	Propafenone (Rythmol®)	



PGxOne™ Plus



**PGxOne™ Plus provides comprehensive coverage for major therapeutic areas.**

**50**  
[ Genes ]

### Target Genes and Select Therapeutic Areas

Therapeutic Area	ABCB1	ACE	ADRA2A	AGTR2	ANXA1	APOE	ATM	CDA	CES1	CNR1	COMT	CYP1A2	CYP2B6	CYP2C19	CYP2C8	CYP2D6	CYP3A4	CYP3A5	CYP4F2	DPAO	DRD1	DRD2	ERCC2	F2	F5	FAAH	GEPO	GRIK4	GSTP1	HIAA	HTR1A	HTR2A	HTR2C	IFNL3	TPA	KIF6	MTHFR	NAT2	NOS1AP	NOX1	OPRMs	SCN2A	SLC6A4	SLCO4B1	TPM1	UGT1A3	UGT2B15	XRCC3	XRC3	Total # of Genes*
Anesthesiology																																																		
Cardiology																																																		
Dentistry																																																		
Endocrinology																																																		
Gastroenterology																																																		
Gynecology																																																		
Hematology																																																		
Immunology																																																		
Infectious Diseases																																																		
Neurology																																																		
Psychiatry																																																		
Respiratory																																																		
Oncology																																																		
Ophthalmology																																																		
Pain Management																																																		
Toxicology																																																		
Urology																																																		
Weight Management																																																		

\*PGxOne™ Plus is the most comprehensive, commercially available pharmacogenomics test covering more genes than competitors



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