



# Pharmacogenomic Testing Menu

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Panel	Associated Drug Class	Targeted Genes
<b>Comprehensive Wellness</b>	Anti-ADHD	<i>Cytochrome P450 Genes</i> 2D6 2C9 2C19 3A4 3A5 4F2  APOE ATM Factor II Factor V HLA-B MTHFR SLCO1B1 TPMT VKORC1
	Antiarrhythmics	
	Anticoagulants	
	Anticonvulsants	
	Antidementia Agents	
	Antidepressants	
	Antidepressant TCAs	
	Antidiabetics	
	Antifungals	
	Antiplatelet Agents	
	Antipsychotics	
	Anxiolytics	
	Beta-blockers	
	Cholinergic Agents	
	Contraceptives	
	Hypnotics	
	Immunosuppressants	
	Muscle Relaxants	
APOE		
Nonsteroidal Anti-Inflammatory Drugs (NSAIDs)		
Opioids		
Proton Pump Inhibitors (PPI)		
Selective Serotonin Reuptake Inhibitors (SSRIs)		
Statins		
<b>Cardiac Wellness</b>	Antiarrhythmics	<i>Cytochrome P450 Genes</i> 2D6 2C9 2C19 3A4 3A5 4F2  APOE Factor II & Factor V MTHFR SLCO1B1 VKORC1
	Anticoagulants	
	Anticonvulsants	
	Antiplatelet Agents	
	Beta-blockers	
	APOE Genotype	
Statins		
<b>Mental Wellness</b>	Anti-ADHD	<i>Cytochrome P450 Genes</i> 2D6 2C9 2C19 3A4 3A5 4F2  HLA-B MTHFR
	Anticonvulsants	
	Antidementia Agents	
	Antidepressants	
	Antidepressants TCAs	
	Antipsychotics	
	Anxiolytics	
	Hypnotics	
Selective Serotonin Reuptake Inhibitors (SSRIs)		
<b>Anti-Inflammatory Wellness</b>	Anticonvulsants	<i>Cytochrome P450 Genes</i> 2D6 2C9 2C19 3A4 3A5 4F2  HLA-B MTHFR TPMT
	Antidepressants	
	Antipsychotics (Olanzapine Only)	
	Cholinergic Agents	
	Immunosuppressants	
	Muscle Relaxants	
	Nonsteroidal Anti-Inflammatory Drugs (NSAIDs)	
Opioids		
<b>Additional Panels - May Add to a Wellness Panel or Order Individually</b>	<b>APOE</b> (Apolipoprotein E) <i>relative to Lipid Metabolism</i>	
	<b>ATM</b> <i>Antidiabetics</i>	
	<b>CYP2C9</b> <i>Anticoagulants, Antidiabetics, NSAIDs, Phenytoin</i>	
	<b>CYP2C9, CYP4F2 + VKORC1</b> <i>Warfarin</i>	
	<b>CYP2C19</b> <i>Carisoprodol, Clobazam, Clopidogrel, Imipramine, Moclobemide, Proton Pump Inhibitors, SSRIs, Voriconazole</i>	
	<b>CYP2D6</b> <i>Atomoxetine, Antiarrhythmics, Antidepressants, Antipsychotics, Beta Blockers, Cevimeline, Donepezil, Opioids, SSRIs</i>	
	<b>HLA-B</b> <i>Carbamazepine</i>	
	<b>Factor II</b> <i>relative to Coagulation</i>	
	<b>Factor V</b> <i>relative to Coagulation</i>	
	<b>MTHFR</b> (Methylene tetrahydrofolate reductase) <i>relative to homocysteine levels, folate metabolism</i>	
<b>Factor II + Factor V + MTHFR</b> <i>Genetic Thrombosis Risk (including Estrogen Supplementation)</i>		