



Diabetes	Chlorpropamide	Diabinese	Sulfonylureas	CYP2C9
	Glimperide	Amaryl	Sulfonylureas	CYP2C9
	Glipizide	Glucotrol	Sulfonylureas	CYP2C9
	Glyburide	Micronase	Sulfonylureas	CYP2C9
	Metformin	Glucophage	Biguanides	C11orf65, SLC47A2
	Nateglinide	Starlix	Meglitinides	CYP2C9, SLC01B1
	Pioglitazone	Actos, Oseni	Thiazolidinediones	CYP2C8
	Repaglinide	Prandin, Prandimet	Meglitinides	CYP2C8, SLC01B1
	Rosiglitazone	Avandia	Thiazolidinediones	CYP2C8
Gastrointestinal	Tolbutamide	Orinase	Sulfonylureas	CYP2C9
	Dexlansoprazole	Dexilant, Kapidex	Proton Pump Inhibitors	CYP2C19
	Dolasetron	Anzemet	Antiemetics	CYP2D6
	Dronabinol	Marinol	Antiemetics	CYP2C9
	Esomeprazole	Nexium	Proton Pump Inhibitors	CYP2C19
	Granisetron	Sancuso, Sustol	Antiemetics	ABCB1
	Lansoprazole	Prevacid	Proton Pump Inhibitors	CYP2C19
	Metoprolol	Reglan	Antiemetics	CYP2D6
	Netupitant-Palonosetron	Akynzeo	Antiemetics	CYP2D6
	Omeprazole	Prilosec	Proton Pump Inhibitors	CYP2C19
	Ondansetron	Zofran, Zuplenz	Antiemetics	CYP2D6, ABCB1
	Palonosetron	Aloxi	Antiemetics	CYP2D6
	Pantoprazole	Protonix	Proton Pump Inhibitors	CYP2C19
	Rabeprazole	Aciphex	Proton Pump Inhibitors	CYP2C19
Hematology	Eltrombopag	Promacta	Hemostatic Agents	F5
Infectious Diseases	Abacavir	Ziagen, Epzicom, Trizivir, Triumeq	Anti-HIV Agents	HLA-B*57:01
	Atazanavir	Reyataz, Evotaz	Anti-HIV Agents	UGT1A1
	Chloroquine	Aralen	Antimalarials	G6PD
	Dapsone	Aczone	Antibiotics	G6PD
	Efavirenz (underway)	Sustiva	Anti-HIV Agents	CYP2B6
	Methylene Blue	Uribel, Urogesic-Blue, Azuphen MB, UTA, Provayblue	Antibiotics	G6PD
	Nitrofurantoin	Furadantin, Macrobid, Macroclantin	Antibiotics	G6PD
	Peginterferon alfa-2a	Pegasys	Interferons	IFNL3
	Peginterferon alfa-2b	Pegintron, Sylatron	Interferons	IFNL3
	Primaquine	Primaquine	Antimalarials	G6PD
	Proguanil	Malarone	Antimalarials	CYP2C19
	Quinine	Qualaquin	Antimalarials	G6PD
	Sulfamethoxazole	Bactrim, Septra	Antibiotics	G6PD
	Voriconazole	Vfend	Antifungals	CYP2C19
Neurology	Brivaracetam	Briviact	Anticonvulsants	CYP2C19
	Lacosamide	Vimpat	Anticonvulsants	CYP2C19
	Phenobarbital	Luminal	Anticonvulsants	CYP2C19
	Primidone	Mysoline	Anticonvulsants	CYP2C19
	Zonisamide	Zonegran	Anticonvulsants	CYP2C19
Pain	Benzhydrocodone	Apadaz	Opioids	CYP2D6
	Carisoprodol	Soma	Muscle Relaxants	CYP2C19
	Celecoxib	Celebrex	NSAIDs	CYP2C9
	Codeine	Codeine; Fioricet with Codeine	Opioids	CYP2D6
	Diclofenac	Voltaren	NSAIDs	CYP2C9
	Dihydrocodeine	Synalgos-DC	Opioids	CYP2D6
	Fentanyl	Actiq	Opioids	OPRM1
	Flurbiprofen	Ansaid	NSAIDs	CYP2C9
	Hydrocodone	Vicodin	Opioids	CYP2D6, OPRM1
	Ibuprofen	Advil, Motrin	NSAIDs	CYP2C9
	Indomethacin	Indocin	NSAIDs	CYP2C9
	Meloxicam	Mobic	NSAIDs	CYP2C9
	Methadone	Dolophine	Opioids	CYP2B6, OPRD1
	Morphine	MS Contin	Opioids	OPRM1, COMT
	Oxycodone	Percocet, Oxycontin	Opioids	CYP2D6
	Piroxicam	Feldene	NSAIDs	CYP2C9
	Tizanidine	Zanaflex	Muscle Relaxants	CYP1A2
	Tramadol	Ultram	Opioids	CYP2D6





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LABORATORIES

Pharmacogenetic Testing

Psychiatry and
Addiction
Medicine

Acamprosate	Campral	Antiaddictives	GRIN2B
Amitriptyline	Elavil	Antidepressants	CYP2D6, CYP2C19
Amoxapine	Amoxapine	Antidepressants	CYP2D6
Amphetamine	Adderall, Evekeo	Anti-ADHD Agents	COMT, CYP2D6
Aripiprazole	Abilify, Aristada	Antipsychotics	CYP2D6
Atomoxetine	Strattera	Anti-ADHD Agents	CYP2D6
Brexipiprazole	Rexulti	Antipsychotics	CYP2D6
Buprenorphine	Butrans, Buprenex	[Opioid used as Antiaddictive]	OPRD1
Bupropion	Wellbutrin, Zyban, Aplenzin, Contrave	Antiaddictives	ANKK1, CYP2B6
Chlorpromazine	Thorazine	Antipsychotics	CYP2D6
Citalopram	Celexa	Antidepressants	CYP2C19, GRIK4, SLC6A4, HTR2A, FKBP5
Clobazam	Onfi	Benzodiazepines	CYP2C19
Clomipramine	Anafranil	Antidepressants	CYP2D6, CYP2C19
Clonidine	Kapvay	Anti-ADHD Agents	CYP2D6
Clozapine	Clozaril	Antipsychotics	CYP2D6, CYP1A2, HTR2A, HTR2C, MC4R
[Cocaine Vaccine]**		Antiaddictives	OPRK1
Desipramine	Norpramin	Antidepressants	CYP2D6
Desvenlafaxine	Pristiq	Antidepressants	CYP2D6
Deutetrabenazine	Austedo	Other Neurological Agents	CYP2D6
Dexmethylphenidate	Focalin	Anti-ADHD Agents	COMT, ADRA2A
Dextroamphetamine	Dexedrine	Anti-ADHD Agents	COMT, CYP2D6
Dextromethorphan-Quinidine	Nuedexta	Other Neurological Agents	CYP2D6
Diazepam	Valium	Benzodiazepines	CYP2C19
Disulfiram	Antabuse	Antiaddictives	DBH
Donepezil	Aricept	Antidementia Agents	CYP2D6
Doxepin	Silenor	Antidepressants	CYP2D6, CYP2C19
Duloxetine	Cymbalta	Antidepressants	CYP2D6
Escitalopram	Lexapro	Antidepressants	CYP2C19, SLC6A4
Flibanserin	Addyi	Other Neurological Agents	CYP2C19
Fluoxetine	Prozac, Sarafem	Antidepressants	CYP2D6
Fluphenazine	Prolixin	Antipsychotics	CYP2D6
Fluvoxamine	Luvox	Antidepressants	CYP2D6, SLC6A4
Galantamine	Razadyne	Antidementia Agents	CYP2D6
Haloperidol	Haldol	Antipsychotics	CYP2D6
Iliperidone	Fanapt	Antipsychotics	CYP2D6
Imipramine	Tofranil	Antidepressants	CYP2D6, CYP2C19
Levodopa-Carbidopa	Sinemet	[Antiparkinson Agent used as Antiaddictive]	DBH
Lisdexamfetamine	Vyvanse	Anti-ADHD Agents	COMT, CYP2D6
Lithium	Eskalith, Lithobid	Mood Stabilizers	BDNF
Lorazepam	Ativan	Benzodiazepines	UGT2B15
Maprotiline	Ludiomil	Antidepressants	CYP2D6
Methadone	Dolophine	[Opioid used as Antiaddictive]	CYP2B6, OPRD1
Methylphenidate	Ritalin, Aptensio XR, Concerta, Metadate ER, Quillivant ER	Anti-ADHD Agents	COMT, ADRA2A
Mirtazapine	Remeron	Antidepressants	CYP2D6
Naltrexone	Vivitrol, Contrave	Antiaddictives	OPRM1
Nefazodone	Serzone	Antidepressants	CYP2D6
Nortriptyline	Pamelor	Antidepressants	CYP2D6
Olanzapine	Zyprexa	Antipsychotics	CYP2D6, CYP1A2, HTR2C, MC4R
Ondansetron	Zofran, Zuplenz	[Antiemetic used in Addiction Medicine]	SLC6A4
Oxazepam	Serax	Benzodiazepines	UGT2B15
Paliperidone	Invega	Antipsychotics	CYP2D6, MC4R
Paroxetine	Paxil, Brisdelle	Antidepressants	CYP2D6
Perphenazine	Trilafon	Antipsychotics	CYP2D6
Pimozide	Orap	Antipsychotics	CYP2D6
Protriptyline	Vivactil	Antidepressants	CYP2D6
Quetiapine	Seroquel	Antipsychotics	MC4R
Risperidone	Risperdal	Antipsychotics	CYP2D6, HTR2C, DRD2, MC4R
Sertraline	Zoloft	Antidepressants	CYP2C19



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Psychiatry and Addiction Medicine	Tetrabenazine	Xenazine	Other Neurological Agents	CYP2D6
	Thioridazine	Mellaril	Antipsychotics	CYP2D6
	Topiramate	Topamax	[Anticonvulsant used as Antiaddictive]	GRIK1
	Trimipramine	Surmontil	Antidepressants	CYP2D6, CYP2C19
	Valbenazine	Ingrezza	Other Neurological Agents	CYP2D6
	Venlafaxine	Effexor	Antidepressants	CYP2D6
	Vortioxetine (Zuclopenthixol) ^{^^}	Trintellix Clopixol	Antidepressants Antipsychotics	CYP2D6 CYP2D6
Rheumatology	Allopurinol	Zyloprim, Liopurin, Aloprim	Anti-Hyperuricemics and Anti-Gout Agents	ABCG2, HLA-B*58:01
	Leflunomide	Arava	Immunomodulators	CYP2C19
	Lesinurad	Zurampic	Anti-Hyperuricemics and Anti-Gout Agents	CYP2C9
	Pegloticase	Krystexxa	Anti-Hyperuricemics and Anti-Gout Agents	G6PD
	Probenecid	Probalan	Anti-Hyperuricemics and Anti-Gout Agents	G6PD
	Sulfasalazine	Azulfidine, Sulfazine	Other Antirheumatic Agents	G6PD, ABCG2
Transplantation	Tofacitinib	Xeljanz	Immunomodulators	CYP2C19
	Tacrolimus	Prograf	Immunosuppressants	CYP3A5
Urologicals	Darifenacin	Enablex	Antispasmodics	CYP2D6
	Fesoterodine	Toviaz	Antispasmodics	CYP2D6
	Mirabegron	Myrbetriq	Antispasmodics	CYP2D6
	Tamsulosin	Flomax	Alpha-Blockers	CYP2D6
	Tolterodine	Detrol	Antispasmodics	CYP2D6
Sjogren's Syndrome	Cevimeline	Evoxac	Cholinergic Agonists	CYP2D6
Gaucher Disease	Eliglustat	Cerdelga	Endocrine-Metabolic Agents	CYP2D6
** Drug Under development not yet FDA approved				
^{^^} Drug not yet FDA Approved, Only available to International Customers, where the drug is approved.				

