



MEDICAL DIAGNOSTIC LABORATORIES
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www.mdlab.com



Pharmacogenomics Test Requisition Form

Ordering Physician/Laboratory

(Required: Include the ordering physician's first & last name, NPI, practice name, complete address, phone number and fax number.)

Physician to receive additional result report:

Physician's Signature: _____ Date: _____

Specimen Information

Date Collected (Required): _____ Specimen Type: Whole Blood Saliva

Confirmation of Informed Consent and Medical Necessity for Pharmacogenomic Genetic Testing

My signature below acknowledges the patient has been informed about the purpose, limitation and possible risks of genetic testing. The patient has been given the opportunity to ask questions about this consent and seek outside genetic counseling.

If the genetic testing is covered by the patient's health plan and the out-of-pocket expense is less than \$150.00, testing will proceed without further delay or additional contact. The patient's signed informed consent is being provided with this requisition. I confirm that this testing is medically necessary for the specified patient and that these results will be used in the medical management and treatment decisions for this patient.

Medical Professional Signature (Req.): _____ Date: _____

Cardiology

- 3108 **Antiarrhythmics** - Flecainide, Propafenone
- 3103 **Anticlotting Agents** - Acenocoumarol, Edoxaban, Fluindione, Phenprocoumon, Warfarin
- 3109 **Antihypertensives** - Benazepril, Debrisoquine, Enalapril, Irbesartan, Lofexidine, Losartan, Olmesartan, Selixipag, Verapamil
- 3101 **Antiplatelet Agents** - Aspirin, Cilostazol, Clopidogrel, Prasugrel, Ticagrelor
- 3106 **Beta Blockers** - Bufuralol, Carvedilol, Ivabradine, Metoprolol, Propranolol, Talinolol, Timolol
- 3105 **Calcium Channel Blockers** - Amlodipine, Nifedipine
- 3107 **Congestive Heart Failure** - Digoxin
- 3110 **Other Cardiac Conditions** - Mavacamten
- 3102 **Statins** - Atorvastatin, Fluvastatin, Lovastatin, Pitavastatin, Pravastatin, Rosuvastatin, Simvastatin
- 3104 **Thrombophilia** - Susceptibility to Factor II, Factor V Leiden

Pain Management

- 3203 **Migraine** - Atogepant, Ibuprofen, Rimegepant, Ubrogapant
- 3201 **Pain Management - General** - Alfentanil, Atogepant, Buprenorphine, Codeine, Elagolix, Fentanyl, Hydrocodone, Ibuprofen, Ketamine, Lomoxicam, Methadone, Morphine, Oliceridine, Opioids, Oxycodone, Rimegepant, Sumatriptan, Tramadol, Ubrogapant
- 3202 **Sedatives & Relaxants, including muscle relaxants** - Carisoprodol, Dextromethorphan, Midazolam, Propofol, Rocuronium, Tolperisone

Malignant Disease

- 3301 **Alkaloids** - Vincristine
- 3302 **Alkylating Agents** - Cyclophosphamide
- 3304 **Anthracyclines** - Anthracyclines (gen), Doxorubicin, Epirubicin, Idarubicin
- 3311 **Antimetabites** - Alprazolam, Dolasetron, Fosnetupitant, Granisetron, Ondansetron, Palonosetron, Rolapitant
- 3303 **Antimetabolites** - Cytarabine, Fludarabine, Mercaptopurine, Methotrexate, Sildenafil
- 3305 **Kinase Inhibitors** - Acalabrutinib, Alectinib, Alpelisib, Brigatinib, Cobimetinib, Copanlisib, Duvelisib, Erdafitinib, Fedratinib, Gefitinib, Gilteritinib, Icotinib, Imatinib, Infigratinib, Lenvatinib, Mobocertinib, Neratinib, Osimertinib, Pacritinib, Palbociclib, Pemigatinib, Pexidartinib, Pralsetinib, Ribociclib, Ripretinib, Selpercatinib, Sorafenib, Sunitinib, Tivozanib, Tucatinib, Umbralisib, Upadacitinib, Vemurafenib, Zanubrutinib
- 3312 **Other Anti-Neoplastic Agents** - Avapritinib, Dacomitinib, Enasidenib, Encorafenib, Glasdegib, Ivosidenib, Ixazomib, Relugolix, Rucaparib, Selinexor, Sonidegib, Sotorasib, Tazemetosar, Tepotinib, Trabectedin, Veehtoclax
- 3306 **Platinum Derivatives** - Carboplatin, Cisplatin, Oxaliplatin, Platinum Compounds (gen)
- 3307 **Steroid Hormone Inhibitors** - Apalutamide, Darolutamide, Exemestane, Letrozole, Leuprolide, Mitotane, Relugolix, Tamoxifen
- 3308 **Taxanes** - Docetaxel, Paclitaxel, Taxanes (gen)
- 3309 **Topoisomerase Inhibitors** - Etoposide, Irinotecan
- 3310 **Uracil Derivatives** - Capecitabine, Fluorouracil, Folfox, Folox, Leucovorin, Tegafur, Xelox

Infectious Disease

- 3502 **Antifungals and Antibiotics** - Daptomycin, Dicloxacillin, Eravacycline, Erythromycin, Fexinidazole, Ibexafungin, Isavuconazonium, Lefamulin, Posaconazole, Rifampicin, Secnidazole, Sulfonamides (gen), Voriconazole
- 3503 **Anti-Mycobacterials** - Anti-Mycobacterials (TB), Delamanid, Ethambutol, Isoniazid, Pretomanid, Pyrazinamide, Rifampicin
- 3505 **Cytomegalovirus (CMV)** - Letermovir, Maribavir
- 3504 **Hepatitis C (Hep-C)** - Daclatasvir, Elbasvir, Glecaprevir, Grazoprevir, Pibrentasvir, Velpatasvir, Voxilaprevir
- 3501 **HIV/AIDS** - Antivirals (HIV), Atazanavir, Bictegravir, Dolutegravir, Doravirine, Efavirenz, Etravirine, Indinavir, Lamivudine, Lopinavir, Nelfinavir, Nevirapine, Rilpivirine, Ritonavir, Tenofovir, Zidovudine

Patient Information (Please Print)

Name (Last, First) (Required): _____

In Care of: _____

Patient Address: _____

City: _____ State: _____ Zip: _____

Assigned Sex at Birth (Required): Female Male Date of Birth (Required): _____ Patient ID#: _____

Phone Number: _____

Race: Alaska Native or American Indian Asian Black or African American Multiracial Native Hawaiian or other Pacific Islander Other race White Does not wish to disclose Not provided Ethnicity: Hispanic or Latino Not Hispanic or Latino Unknown

Gender Identity: Male Female Gender nonconforming Transgender male-to-female Transgender female-to-male Does not wish to disclose Not provided

Sexual Orientation: Bisexual Straight Gay or Lesbian Something else Does not wish to disclose Not provided

Billing Information (Please include a copy of the front & back of card.)

Billing Type: Patient Insurance Client Relation (Required): Self Spouse Dependant

Insured's Name (if not patient): _____

Insured's SS#: _____ Insured's DOB: _____

Primary Insurance Carrier: _____ Medicare, Medicaid or Policy ID#: _____

Claims Address: _____

Employer/Group Name: _____ Group#: _____

ICD10 codes (required): _____

Psychiatric Disorders including Addiction

- 3401 **Addiction to Alcohol, Cocaine, Heroin, Opioids, Tobacco** - Anti-addiction (Nicotine), Anti-addiction (Opioids), Buprenorphine, Bupropion, Cariprazine, Ethanol, Disulfiram, Heroin, Levodopa, Lofexidine, Methadone, Naloxone, Naltrexone, Nicotine, Suboxone
- 3402 **ADD/ADHD** - Atomoxetine, Bupropion, Dextroamphetamine, Imipramine, Methylphenidate, Modafinil, Nortriptyline, Viloxazine
- 3403 **Alzheimer's Disease** - Donepezil, Galantamine, Olanzapine, Risperidone
- 3404 **Anxiety, Insomnia, Severe Agitation** - Alprazolam, Bupropion, Clonazepam, Dantrolene, Desvenlafaxine, Dexmedetomidine, Duloxetine, Escitalopram, Lemborexant, Lorazepam, Midazolam, Oxazepam, Pimavanserin, Valbenazine, Venlafaxine, Vilazodone
- 3405 **Autism Spectrum Disorders** - Aripiprazole, Quetiapine, Risperidone
- 3406 **Bipolar Disorder** - Aripiprazole, Asenapine, Cariprazine, Clonazepam, Lamotrigine, Lithium, Lumateperone, Lurasidone, Olanzapine, Oxcarbazepine, Quetiapine, Samidorphan, Valbenazine, Valproic acid, Vilazodone, Ziprasidone
- 3407 **Depressive Disorder & Major Depressive Disorder** - Amitriptyline, Antidepressants (gen), Antipsychotics (gen), Aripiprazole, Brexpiprazole, Bupropion, Cariprazine, Citalopram, Clomipramine, Desipramine, Desvenlafaxine, Deutetrabenazine, Diazepam, Doxepin, Duloxetine, Escitalopram, Esketamine, Fluoxetine, Fluvoxamine, Imipramine, Maprotiline, Milnacipran, Mirtazapine, Nortriptyline, Olanzapine, Opipramol, Paroxetine, Pimavanserin, Quetiapine, Sertraline, SSRIs (gen), Trimipramine, Valbenazine, Venlafaxine, Vilazodone, Viloxazine, Vortioxetine
- 3408 **Epilepsy** - Antiepileptics (gen), Brivaracetam, Cannabidiol (CBD), Carbamazepine, Clobazam, Clonazepam, Fosfatinib, Ganaxolone, Lamotrigine, Mephenytoin, Oxcarbazepine, Phenobarbital, Phenytoin, Valproic acid
- 3409 **Parkinson's Disease** - Entacapone, Istradefylline, Pimavanserin, Ribociclib
- 3410 **Schizophrenia** - Antipsychotics (gen), Aripiprazole, Asenapine, Brexpiprazole, Chlorpromazine, Clozapine, Fluphenazine, Haloperidol, Iloperidone, Lumateperone, Lurasidone, Nemonapride, Olanzapine, Pimavanserin, Quetiapine, Risperidone, Samidorphan, Thioridazine, Trifluoperazine, Ziprasidone, Zuclopentixol
- 3411 **Fibromyalgia** - Amitriptyline, Atomoxetine, Bupropion, Carbamazepine, Carisoprodol, Codeine, Desipramine, Desvenlafaxine, Dextromethorphan, Duloxetine, Escitalopram, Fluoxetine, Milnacipran, Naltrexone, Nortriptyline, Prednisone, Quetiapine, Tramadol, Venlafaxine
- 3412 **Post-Traumatic Stress Disorder (PTSD)** - Aripiprazole, Amitriptyline, Bupropion, Buspirone, Desvenlafaxine, Dronabinol, Duloxetine, Fluoxetine, Fluvoxamine, Guanfacine, Hydroxyzine, Ketamine, Lamotrigine, Mirtazapine, Nefazodone, Propranolol, Quetiapine, Risperidone, Sertraline, Trazodone, Valproic Acid, Venlafaxine, Vilazodone, Zolpidem

Immunology / Immune Modulation

- 3609 **Antiasthmatics** - Revfenacin, Zafirlukast
- 3608 **Antihistamines** - Fexofenadine
- 3610 **Eczema & Psoriasis** - Abrocitinib, Deucravacitinib
- 3604 **Gastritis and Colitis** - Esomeprazole, Lansoprazole, Loperamide, Omeprazole, Ozanimod, Pantoprazole, Rabeprazole, Tacrolimus, Tenapanor, Vonoprazan
- 3607 **Gout** - Allopurinol, Febuxostat, Lesinurad, Naproxen
- 3605 **Inflammation** - Anti-inflammatories (gen), Avacopan, Baricitinib, Celecoxib, Dexamethasone, Diclofenac, Flurbiprofen, Ibuprofen, Lomoxicam, Meclofenamate, Meloxicam, Ozanimod, Prednisone/Prednisolone
- 3611 **Multiple Sclerosis** - Siponimod
- 3602 **Rheumatoid Arthritis** - Baricitinib, Deucravacitinib, Ibuprofen, Leflunomide, Meclofenamate, Methotrexate, Naproxen, Sulfasalazine
- 3606 **Systemic Lupus Erythematosus** - Cyclophosphamide, Naproxen, Voclosporin
- 3601 **Transplantation** - Belumosudil, Busulfan, Cyclophosphamide, Cyclosporine, Everolimus, Letermovir, Maribavir, Methylprednisone, Prednisone/Prednisolone, Sirolimus, Tacrolimus
- 3603 **Type-II Diabetes** - Empagliflozin, Ertugliflozin, Ffimerenone, Repaglinide, Sulfureas (gen), Urea Derivatives (gen)

Other

- 3701 **Anesthesiology** - Nitrous Oxide
- 3713 **Anemia** - Flibanserin, Mitapivat
- 3702 **Beta Thalassemia** - Deferasirox
- 3706 **Bladder Control** - Tolterodine, Vibegron
- 3707 **Bladder Incontinence** - Darifenacin, Fesoterodine, Mirabegron, Tamsulosin, Tolterodine
- 3704 **Contraception** - Drospirenone, Ethinylestradiol, Levonorgestrel, Medroxyprogesterone, Norethindrone, Norgestimate, Oral Contraceptives (gen)
- 3714 **Cystic Fibrosis** - Ivacaftor
- 3711 **Endometriosis** - Danazol, Edoxaban, Elagolix, Ibuprofen, Letrozole, Leuprolide, Levonorgestrel, Medroxyprogesterone, Naproxen, Norethindrone
- 3705 **Erectile Dysfunction** - Sildenafil, Tadalafil, Vardenafil
- 3712 **Female Libido** - Flibanserin, Mitapivat
- 3703 **Narcolepsy** - Modafinil, Pitolisant
- 3710 **Spinal Muscular Atrophy** - Risdiplam

Note: This Test Requisition Form must be submitted with a Patient Informed Consent/Insurance Acknowledgment Form

Medical Necessity Guidelines:

Physicians must only order tests that they have determined are medically necessary for the diagnosis and treatment of a patient. MDL offers individual tests, as well as a limited number of customized panels. MDL provides practitioners with the flexibility to choose appropriate individual tests for each specimen to assure that the convenience of ordering panels does not impede them from ordering tests/panels that are medically necessary. All tests listed in panels may be ordered individually using this test requisition form. If you choose to order a panel, please make certain that each and every test is medically necessary. If you check off a panel as your choice, MDL understands that the physician has determined that all of the component tests are medically necessary, and will perform, report and bill for all such component tests.

Tests by Drug			
4055 <input type="checkbox"/> Abrocitinib	4076 <input type="checkbox"/> Delamanid	3881 <input type="checkbox"/> Gefitinib	3921 <input type="checkbox"/> Naloxone
4056 <input type="checkbox"/> Acalabrutinib	3843 <input type="checkbox"/> Desipramine	4099 <input type="checkbox"/> Gilteritinib	3922 <input type="checkbox"/> Naltrexone
3801 <input type="checkbox"/> Acenocoumarol	4077 <input type="checkbox"/> Deucravacitinib	4101 <input type="checkbox"/> Glasdegib	4030 <input type="checkbox"/> Nefazodone
4057 <input type="checkbox"/> Alectinib	4078 <input type="checkbox"/> Deutetrabenazine	4102 <input type="checkbox"/> Glecaprevir	3923 <input type="checkbox"/> Nelfinavir
3803 <input type="checkbox"/> Alfentanil	3844 <input type="checkbox"/> Dexamethasone	3882 <input type="checkbox"/> Granisetron	3924 <input type="checkbox"/> Nemonapride
3804 <input type="checkbox"/> Allopurinol	3845 <input type="checkbox"/> Dexmedetomidine	4103 <input type="checkbox"/> Grazoprevir	4124 <input type="checkbox"/> Neratinib
4058 <input type="checkbox"/> Alpelisib	3846 <input type="checkbox"/> Dextroamphetamine	4028 <input type="checkbox"/> Guanfacine	3925 <input type="checkbox"/> Nevirapine
3805 <input type="checkbox"/> Amitriptyline	4009 <input type="checkbox"/> Dextromethorphan	3883 <input type="checkbox"/> Haloperidol	3926 <input type="checkbox"/> Nicotine
3806 <input type="checkbox"/> Amlodipine	3847 <input type="checkbox"/> Diazepam	4015 <input type="checkbox"/> Heroin	3927 <input type="checkbox"/> Nifedipine
3807 <input type="checkbox"/> Anthracyclines (gen)	3848 <input type="checkbox"/> Diclofenac	3884 <input type="checkbox"/> Hydrocodone	3928 <input type="checkbox"/> Nitrous oxide
4001 <input type="checkbox"/> Antiaddiction - Nicotine	3849 <input type="checkbox"/> Dicloxacillin	4029 <input type="checkbox"/> Hydroxyzine	3929 <input type="checkbox"/> Nortriptyline
4002 <input type="checkbox"/> Antiaddiction - Opioids	3850 <input type="checkbox"/> Digoxin	4104 <input type="checkbox"/> Ibexafungerp	3930 <input type="checkbox"/> Olanzapine
4003 <input type="checkbox"/> Antidepressants (gen)	3851 <input type="checkbox"/> Disulfiram	3885 <input type="checkbox"/> Icotinib	4125 <input type="checkbox"/> Oliceridine
3808 <input type="checkbox"/> Antiepileptics (gen)	3852 <input type="checkbox"/> Docetaxel	3886 <input type="checkbox"/> Idarubicin	3931 <input type="checkbox"/> Olmesartan
4004 <input type="checkbox"/> Anti-inflammatory (gen)	3853 <input type="checkbox"/> Dolasetron	4105 <input type="checkbox"/> Infigratinib	3932 <input type="checkbox"/> Omeprazole
4005 <input type="checkbox"/> Antimycobacterials - TB	4010 <input type="checkbox"/> Dolutegravir	3887 <input type="checkbox"/> Iloperidone	3933 <input type="checkbox"/> Ondansetron
3809 <input type="checkbox"/> Antipsychotics (gen)	3854 <input type="checkbox"/> Donepezil	3888 <input type="checkbox"/> Imatinib	3934 <input type="checkbox"/> Opioids (gen)
4006 <input type="checkbox"/> Antivirals - HIV	4079 <input type="checkbox"/> Doravirine	3889 <input type="checkbox"/> Imipramine	3935 <input type="checkbox"/> Opipramol
4041 <input type="checkbox"/> Apalutamide	3855 <input type="checkbox"/> Doxepin	3890 <input type="checkbox"/> Indinavir	3936 <input type="checkbox"/> Oral Contraceptives (gen)
3810 <input type="checkbox"/> Aripiprazole	3856 <input type="checkbox"/> Doxorubicin	3891 <input type="checkbox"/> Irbesartan	4126 <input type="checkbox"/> Osimertinib
4059 <input type="checkbox"/> Asenapine	4027 <input type="checkbox"/> Dronabinol	3892 <input type="checkbox"/> Irinotecan	3937 <input type="checkbox"/> Oxaliplatin
3811 <input type="checkbox"/> Aspirin	4080 <input type="checkbox"/> Drospirenone	4106 <input type="checkbox"/> Isavuconazonium	3938 <input type="checkbox"/> Oxazepam
3812 <input type="checkbox"/> Atazanavir	4011 <input type="checkbox"/> Duloxetine	4016 <input type="checkbox"/> Isoniazid	4020 <input type="checkbox"/> Oxcarbazepine
4060 <input type="checkbox"/> Atogepant	4081 <input type="checkbox"/> Duvelisib	4107 <input type="checkbox"/> Istradefylline	3939 <input type="checkbox"/> Oxycodone
3813 <input type="checkbox"/> Atomoxetine	4082 <input type="checkbox"/> Edoxaban	4108 <input type="checkbox"/> Ivabradine	4128 <input type="checkbox"/> Ozanimod
3814 <input type="checkbox"/> Atorvastatin	3857 <input type="checkbox"/> Efavirenz	4109 <input type="checkbox"/> Ivacaftor	3940 <input type="checkbox"/> Paclitaxel
4061 <input type="checkbox"/> Avacopan	4083 <input type="checkbox"/> Elagolix	4110 <input type="checkbox"/> Ivosidenib	4129 <input type="checkbox"/> Pacritinib
4062 <input type="checkbox"/> Avapritinib	4084 <input type="checkbox"/> Elbasvir	4111 <input type="checkbox"/> Ixazomib	4130 <input type="checkbox"/> Palbociclib
4063 <input type="checkbox"/> Baricitinib	4085 <input type="checkbox"/> Empagliflozin	3893 <input type="checkbox"/> Ketamine	4131 <input type="checkbox"/> Palonosetron
4064 <input type="checkbox"/> Belumosudil	3858 <input type="checkbox"/> Enalapril	3894 <input type="checkbox"/> Lamivudine	3941 <input type="checkbox"/> Pantoprazole
3815 <input type="checkbox"/> Benazepril	4086 <input type="checkbox"/> Enasidenib	3895 <input type="checkbox"/> Lamotrigine	3942 <input type="checkbox"/> Paroxetine
4065 <input type="checkbox"/> Bictegravir	4087 <input type="checkbox"/> Encorafenib	3896 <input type="checkbox"/> Lansoprazole	4132 <input type="checkbox"/> Pemigatinib
4066 <input type="checkbox"/> Brexpiprazole	3859 <input type="checkbox"/> Entacapone	4112 <input type="checkbox"/> Lefamulin	4133 <input type="checkbox"/> Pexidartinib
4067 <input type="checkbox"/> Brigatinib	3860 <input type="checkbox"/> Epirubicin	3897 <input type="checkbox"/> Leflumomide	3943 <input type="checkbox"/> Phenobarbital
4007 <input type="checkbox"/> Brivaracetam	4088 <input type="checkbox"/> Eravacycline	4113 <input type="checkbox"/> Lemborexant	4134 <input type="checkbox"/> Pibrentasvir
3816 <input type="checkbox"/> Bufuralol	4039 <input type="checkbox"/> Erdafitinib	4114 <input type="checkbox"/> Lenvatinib	4135 <input type="checkbox"/> Pimavanserin
4008 <input type="checkbox"/> Buprenorphine	4089 <input type="checkbox"/> Erdugliflozin	4115 <input type="checkbox"/> Lesinurad	4136 <input type="checkbox"/> Pitolisant
3817 <input type="checkbox"/> Bupropion	3861 <input type="checkbox"/> Erythromycin	4116 <input type="checkbox"/> Letermovir	3944 <input type="checkbox"/> Phenprocoumon
4026 <input type="checkbox"/> Buspirone	3862 <input type="checkbox"/> Escitalopram	3898 <input type="checkbox"/> Leucovorin	3945 <input type="checkbox"/> Phenytoin
3818 <input type="checkbox"/> Busulfan	4090 <input type="checkbox"/> Esketamine	3899 <input type="checkbox"/> Levodopa	3946 <input type="checkbox"/> Pitavastatin
4068 <input type="checkbox"/> Cannabidiol (CBD)	3863 <input type="checkbox"/> Esomeprazole	3900 <input type="checkbox"/> Lithium	3947 <input type="checkbox"/> Platinum Compounds (gen)
3819 <input type="checkbox"/> Capecitabine	4012 <input type="checkbox"/> Ethambutol	4117 <input type="checkbox"/> Lofexidine	4137 <input type="checkbox"/> Posaconazole
3820 <input type="checkbox"/> Carbamazepine	4013 <input type="checkbox"/> Ethanol	4018 <input type="checkbox"/> Loperamide	4138 <input type="checkbox"/> Pralsetinib
3821 <input type="checkbox"/> Carboplatin	3864 <input type="checkbox"/> Etoposide	3901 <input type="checkbox"/> Lopinavir	3948 <input type="checkbox"/> Prasugrel
4069 <input type="checkbox"/> Cariprazine	3865 <input type="checkbox"/> Etravirine	3902 <input type="checkbox"/> Lorazepam	3949 <input type="checkbox"/> Pravastatin
3822 <input type="checkbox"/> Carisoprodol	3866 <input type="checkbox"/> Everolimus	3903 <input type="checkbox"/> Lornoxicam	3950 <input type="checkbox"/> Prednisolone
3823 <input type="checkbox"/> Carvedilol	4014 <input type="checkbox"/> Exemestane	3904 <input type="checkbox"/> Losartan	3950 <input type="checkbox"/> Prednisone
3824 <input type="checkbox"/> Celecoxib	4091 <input type="checkbox"/> Febuxostat	3905 <input type="checkbox"/> Lovastatin	4139 <input type="checkbox"/> Pretomanid
3826 <input type="checkbox"/> Chlorpromazine	4092 <input type="checkbox"/> Fedratinib	4118 <input type="checkbox"/> Lumateperone	3951 <input type="checkbox"/> Propafenone
3827 <input type="checkbox"/> Cilostazol	3867 <input type="checkbox"/> Fentanyl	4119 <input type="checkbox"/> Lurasidone	3952 <input type="checkbox"/> Propranolol
3828 <input type="checkbox"/> Cisplatin	4036 <input type="checkbox"/> Fesoterodine	4120 <input type="checkbox"/> Maribavir	3953 <input type="checkbox"/> Propofol
3829 <input type="checkbox"/> Citalopram	4093 <input type="checkbox"/> Fexinidazole	3906 <input type="checkbox"/> Maprotiline	4021 <input type="checkbox"/> Pyrazinamide
3830 <input type="checkbox"/> Clobazam	3868 <input type="checkbox"/> Fexofenadine	4121 <input type="checkbox"/> Mavacamten	3954 <input type="checkbox"/> Quetiapine
3831 <input type="checkbox"/> Clomipramine	4094 <input type="checkbox"/> Finerenone	4019 <input type="checkbox"/> Meloxicam	3955 <input type="checkbox"/> Rabeprazole
3832 <input type="checkbox"/> Clopidogrel	3869 <input type="checkbox"/> Flecainide	3907 <input type="checkbox"/> Mephentoin	4140 <input type="checkbox"/> Relugolix
3833 <input type="checkbox"/> Clozapine	4095 <input type="checkbox"/> Flibanserin	3908 <input type="checkbox"/> Mercaptopurine	3956 <input type="checkbox"/> Repaglinide
4070 <input type="checkbox"/> Cobimetinib	3870 <input type="checkbox"/> Fludarabine	3909 <input type="checkbox"/> Methadone	4141 <input type="checkbox"/> Revedefnacinn
3834 <input type="checkbox"/> Codeine	3871 <input type="checkbox"/> Fludionide	3910 <input type="checkbox"/> Methotrexate	4142 <input type="checkbox"/> Ribociclib
4071 <input type="checkbox"/> Copanlisib	3872 <input type="checkbox"/> Fluorouracil	3911 <input type="checkbox"/> Methylphenidate	3957 <input type="checkbox"/> Rifampicin
3836 <input type="checkbox"/> Cyclophosphamide	3873 <input type="checkbox"/> Fluoxetine	3912 <input type="checkbox"/> Methylprednisone	4143 <input type="checkbox"/> Rilpivirine
3837 <input type="checkbox"/> Cyclosporine	3874 <input type="checkbox"/> Fluphenazine	3913 <input type="checkbox"/> Metoprolol	4144 <input type="checkbox"/> Rimegepant
3838 <input type="checkbox"/> Cytarabine	3875 <input type="checkbox"/> Flurbiprofen	3915 <input type="checkbox"/> Midazolam	4145 <input type="checkbox"/> Ripretinib
4072 <input type="checkbox"/> Daclatasvir	3876 <input type="checkbox"/> Fluvastatin	3916 <input type="checkbox"/> Milnacipran	4146 <input type="checkbox"/> Risdiplam
4073 <input type="checkbox"/> Dacomitinib	3877 <input type="checkbox"/> Fluvoxamine	4037 <input type="checkbox"/> Mirabegron	3958 <input type="checkbox"/> Risperidone
3840 <input type="checkbox"/> Daptomycin	3878 <input type="checkbox"/> Foflox	4122 <input type="checkbox"/> Mitapivat	3959 <input type="checkbox"/> Ritonavir
4074 <input type="checkbox"/> Daridorexant	3879 <input type="checkbox"/> Folox	3917 <input type="checkbox"/> Mirtazapine	3960 <input type="checkbox"/> Rocuronium
4035 <input type="checkbox"/> Darifenacin	4096 <input type="checkbox"/> Fosnetupitant	3918 <input type="checkbox"/> Mitotane	4147 <input type="checkbox"/> Rolapitant
4075 <input type="checkbox"/> Darolutamide	4097 <input type="checkbox"/> Fostatinib	4123 <input type="checkbox"/> Mobocertinib	3962 <input type="checkbox"/> Rosuvastatin
3841 <input type="checkbox"/> Debrisoquine	3880 <input type="checkbox"/> Galantamine	3919 <input type="checkbox"/> Modafinil	4148 <input type="checkbox"/> Rucaparib
3842 <input type="checkbox"/> Deferasirox	4098 <input type="checkbox"/> Ganaxolone	3920 <input type="checkbox"/> Morphine	4149 <input type="checkbox"/> Samidorphan
			4150 <input type="checkbox"/> Secnidazole
			4151 <input type="checkbox"/> Selxipag
			4152 <input type="checkbox"/> Selinexor
			4153 <input type="checkbox"/> Selpercatinib
			3963 <input type="checkbox"/> Sertraline
			4022 <input type="checkbox"/> Sildenafil
			3964 <input type="checkbox"/> Sildenafil
			3965 <input type="checkbox"/> Sildenafil
			4154 <input type="checkbox"/> Siponimod
			3966 <input type="checkbox"/> Sirolimus
			4155 <input type="checkbox"/> Sonidegib
			3967 <input type="checkbox"/> Sorafenib
			4156 <input type="checkbox"/> Sotorasib
			3968 <input type="checkbox"/> SSRIs (gen)
			4023 <input type="checkbox"/> Suboxone
			3969 <input type="checkbox"/> Sulfasalazine
			3970 <input type="checkbox"/> Sulfonamides (gen)
			3971 <input type="checkbox"/> Sulfonamides (gen)
			3972 <input type="checkbox"/> Sumatriptan
			3973 <input type="checkbox"/> Sunitinib
			3974 <input type="checkbox"/> Tacrolimus
			4177 <input type="checkbox"/> Tadalafil
			3975 <input type="checkbox"/> Talinolol
			3976 <input type="checkbox"/> Tamoxifen
			4038 <input type="checkbox"/> Tamsulosin
			3977 <input type="checkbox"/> Taxanes (gen)
			4157 <input type="checkbox"/> Tazemetostat
			3978 <input type="checkbox"/> Tegafur
			4158 <input type="checkbox"/> Tenapanor
			4024 <input type="checkbox"/> Tenofovir
			4159 <input type="checkbox"/> Tepotinib
			3979 <input type="checkbox"/> Thionidazine
			3980 <input type="checkbox"/> Ticagrelor
			3981 <input type="checkbox"/> Timolol
			4160 <input type="checkbox"/> Tivozanib
			3982 <input type="checkbox"/> Tolperisone
			3983 <input type="checkbox"/> Tolterodine
			4161 <input type="checkbox"/> Trabectedin
			3984 <input type="checkbox"/> Tramadol
			4031 <input type="checkbox"/> Trazodone
			3985 <input type="checkbox"/> Trifluoperazine
			3986 <input type="checkbox"/> Trimipramine
			4162 <input type="checkbox"/> Tucatinib
			4163 <input type="checkbox"/> Ubropipant
			4165 <input type="checkbox"/> Umbralisib
			4166 <input type="checkbox"/> Upadacitinib
			3987 <input type="checkbox"/> Urea Derivatives (gen)
			4167 <input type="checkbox"/> Valbenazone
			3988 <input type="checkbox"/> Valproic acid
			3989 <input type="checkbox"/> Vardenafil
			4168 <input type="checkbox"/> Velpatasvir
			4169 <input type="checkbox"/> Vemurafenib
			4170 <input type="checkbox"/> Venetoclax
			3990 <input type="checkbox"/> Venlafaxine
			3991 <input type="checkbox"/> Verapamil
			4171 <input type="checkbox"/> Vibegron
			4172 <input type="checkbox"/> Viloxazine
			3992 <input type="checkbox"/> Vincristine
			4173 <input type="checkbox"/> Voclosporin
			4174 <input type="checkbox"/> Vonoprazan
			3993 <input type="checkbox"/> Voricarnazole
			3994 <input type="checkbox"/> Vortioxetine
			4175 <input type="checkbox"/> Voxilaprevir
			3995 <input type="checkbox"/> Warfarin
			3996 <input type="checkbox"/> Xelox
			3997 <input type="checkbox"/> Zafirlukast
			4176 <input type="checkbox"/> Zanubrutinib
			3998 <input type="checkbox"/> Zidovudine
			4032 <input type="checkbox"/> Zolpidem
			3999 <input type="checkbox"/> Zuclopenthixol

Genes by Panel	
Cardiology	Psychiatric Disorders including Addiction
3101 Antiplatelet Agents - ABCB1, CYP1A2, CYP2B6, CYP2C9, CYP2C19, CYP2D6, CYP3A4, CYP3A5, ITGB3, SLOC1B1	3401 Addiction to Alcohol, Cocaine, Heroin, Opioids, Tobacco - ABCB1, ANKK1, COMT, CYP2B6, CYP2C19, CYP2D6, CYP3A4, DBH, MTHFR, OPRM1
3102 Statins - ABCB1, ABCG2, APOE, CYP2C9, CYP2D6, CYP3A4, CYP3A5, KIF6, MTHFR, SLOC1B1	3402 ADD/ADHD - ANKK1, ABCB1, ADRA2A, CYP2B6, CYP2C19, CYP2D6, DRD1
3103 Anticoagulating Agents - ABCB1, CYP2C9, CYP2C19, CYP2D6, VKORC1	3403 Alzheimer's Disease - ABCB1, ANKK1, CYP1A2, CYP2C9, CYP2D6, CYP3A5, HTR2A, MTHFR
3104 Thrombophilia - F2, F5, MTHFR	3404 Anxiety, Insomnia, Severe Agitation - ABCB1, ADRA2A, ANKK1, COMT, CYP1A2, YP2B6, CYP2C19, CYP2D6, CYP3A4, CYP3A5, GABRP, HTR2A, UGT1A1, UGT2B15
3105 Calcium Channel Blockers - CYP3A4, CYP3A5	3405 Autism Spectrum Disorders - ABCB1, ANKK1, COMT, CYP2D6, CYP3A4, CYP3A5, HTR2A
3106 Beta Blockers - ABCB1, CYP2D6, UGT1A1	3406 Bipolar Disorder - ABCB1, ABCG2, ANKK1, CYP1A2, CYP2C9, CYP2D6, CYP3A4, CYP3A5, COMT, DRD1, GABRA6, HTR2A, MTHFR, UGT1A1, UGT2B7
3107 Congestive Heart Failure - ABCB1	3407 Depressive Disorder & Major Depressive Disorder - ABCB1, ADRA2A, ANKK1, COMT, CYP1A2, CYP2B6, CYP2C19, CYP2C9, CYP2D6, CYP3A4, CYP3A5, DRD4, GABRP, GRIK4, HTR2A, HTR2C, MTHFR, UGT1A1
3108 Antiarrhythmics - CYP2D6	3408 Epilepsy - ABCB1, ABCG2, ANKK1, CYP1A2, CYP2C19, CYP2C9, CYP3A4, CYP3A5, GABRA6, UGT2B7
3109 Antihypertensives - ABCB1, CYP2D6, CYP2C9, MTHFR, SLOC1B1	3409 Parkinson's Disease - COMT
Pain Management	3410 Schizophrenia - ABCB1, ANKK1, COMT, CYP1A2, CYP2C9, CYP2D6, CYP3A4, CYP3A5, DRD1, HTR2A, HTR2C, MTHFR
3201 Pain Management - General - ABCB1, COMT, CYP2B6, CYP2C9, CYP2D6, CYP3A4, DBH, OPRD1, OPRM1, SLOC1B1	3411 Fibromyalgia - ABCB1, ADRA2A, ANKK1, COMT, CYP1A2, CYP2B6, CYP2C19, CYP2D6, CYP3A4, CYP3A5, DBH, GABRP, HTR2A, OPRM1, UGT1A1, UGT2B7
3202 Sedatives & Relaxants, including muscle relaxants - CYP2B6, CYP2C19, CYP2C9, CYP2D6, CYP3A4, CYP3A5, SLOC1B1	3412 Post-Traumatic Stress Disorder (PTSD) - ABCB1, ABCG2, ANKK1, COMT, CYP1A2, CYP2B6, CYP2C19, CYP2C9, CYP2D6, CYP3A4, CYP3A5, DRD1, GABRP, HTR2A, UGT1A1, UGT2B7
Malignant Disease	Immunology / Immune Modulation
3301 Alkaloids - ABCB1	3601 Transplantation - ABCB1, CYP2B6, CYP2C19, CYP2C9, CYP3A4, CYP3A5, MTHFR, SLOC1B1, TMPT
3302 Alkylating Agents - CYP2B6, CYP2C19, CYP3A4, MTHFR, SLOC1B1, TMPT	3602 Rheumatoid Arthritis - ABCB1, ABCG2, CYP1A2, MTHFR, SLOC1B1
3303 Antimetabolites - ABCB1, ABCG2, MTHFR, SLOC1B1, TMPT	3603 Type-II Diabetes - CYP2C8, CYP2C9, SLOC1B1
3304 Anthracyclines - ABCB1, CYP2B6, CYP2C19, SLOC1B1	3604 Gastritis and Colitis - ABCB1, CYP2C19, CYP3A4, CYP3A5
3305 Kinase Inhibitors - ABCB1, ABCG2, CYP2B6, CYP2C19, CYP2D6, CYP3A4, CYP3A5, SLOC1B1	3605 Inflammation - ABCB1, CYP2C9, COMT, DBH, OPRM1
3306 Platinum Derivatives - ABCB1, ABCG2, CYP3A5, MTHFR, TMPT	3606 Systemic Lupus Erythematosus - CYP2B6, CYP2C19, CYP3A4, MTHFR, SLOC1B1, TMPT
3307 Steroid Hormone Inhibitors - ABCB1, CYP2B6, CYP2C19, CYP2D6, CYP3A4	3607 Gout - ABCG2
3308 Taxanes - ABCB1, CYP2C8, CYP3A4, CYP3A5, SLOC1B1	3608 Antihistamines - ABCB1
3309 Topoisomerase Inhibitors - ABCB1, SLOC1B1, UGT1A1	3609 Antiasthmatics - CYP2C9
3310 Uracil Derivatives - ABCB1, ABCG2, DPYD, MTHFR, SLOC1B1	Infectious Disease
3311 Antiemetics - ABCB1, CYP2D6, CYP3A5	3501 HIV/AIDS - ABCB1, ABCG2, APOE, CYP2B6, CYP2C19, CYP2D6, CYP3A4, CYP3A5, UGT1A1
Other	3502 Antifungals and Antibiotics - ABCB1, CYP2B6, CYP2C9, CYP2C19, CYP3A4, SLOC1B1
3701 Anesthesiology - MTHFR	3503 Anti-Mycobacterials - ABCB1, CYP2B6, SLOC1B1
3702 Beta Thalassemia - CYP1A2, UGT1A1	
3703 Narcolepsy - ABCB1	
3704 Contraception - CYP2C9, F2, F5, MTHFR	
3705 Erectile Dysfunction - CYP3A4, CYP3A5	
3706 Bladder Control - CYP2D6, CYP3A4, CYP3A5	
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