

Requisition Form

Pharmacogenomic Test

Order online at

biron.com/orderpgx
or scan this QR code

Include completed form with your sample or fax back to 514 317-2241.

Patient		Ordering Provider	
_____ Last name	_____ First name	_____ Institution or Clinic name	
_____ Date of birth	Sex assigned at birth <input type="checkbox"/> M <input type="checkbox"/> F	_____ Last and first name	
_____ Adress		_____ Adress	
_____ City		_____ City	
_____ Province	_____ Postal Code	_____ Province	_____ Postal code
_____ Email	_____ Phone	_____ Email	
Add Preferred language <input type="checkbox"/> English <input type="checkbox"/> French		_____ Phone	_____ Fax number

Test Ordered

- | | |
|--|---|
| <input type="checkbox"/> Mental Health (Psychiatry and ADHD) | <input type="checkbox"/> Complete (Mental Health, Pain Management and Cardio) |
| <input type="checkbox"/> Pain Management | <input type="checkbox"/> Cardio |

Authorization_____
Ordering provider signature_____
DateFor any questions, please contact us: genetics@biron.com or at 1-855-943-6379.

Medications covered

Mental Health PGx Test

Antidepressants - SNRI

Desvenlafaxine (Pristiq®)
Duloxetine (Cymbalta®)
Levomilnacipran (Fetzima®)
Venlafaxine (Effexor XR®)

Antidepressants - SSRI

Citalopram (Celexa®) [+](#)
Escitalopram (Ciprallex®) [+](#)
Fluoxetine (Prozac®) [+](#)
Fluvoxamine (Luvox®) [+](#)
Paroxetine (Paxil®) [+](#)
Sertraline (Zoloft®) [+](#)

Antidepressants - Tricyclics

Amitriptyline (Elavil®) [+](#)
Clomipramine (Anafranil®) [+](#)
Desipramine (Norpramin®) [+](#)
Doxepine (Sinequan®) [+](#)
Imipramine (Tofranil®) [+](#)
Nortriptyline (Aventyl®) [+](#)
Trimipramine (Surmontil®) [+](#)

Antidepressants - Others

Bupropion (Wellbutrin®) [+](#)
Esketamine (Spravato®) [+](#)
Ketamine (Ketalor®) [+](#)
Mirtazapine (Remeron®) [+](#)

Antidepressants - Others (cont'd)

Trazodone (Desyrel®) [+](#)
Vilazodone (Viibryd®)
Vortioxetine (Trintellix®)

Antipsychotics – 1st generation

Chlorpromazine (Largactil®)
Fluphenazine (Moditen®)
Haloperidol (Haldol®)
Loxapine (Loxapac®)
Perphenazine (Trilafon®)
Pimozide (Orap®)
Trifluoperazine (Stelazine®)
Zuclopenthixol (Clopixol®)

Antipsychotics – 2nd generation

Aripiprazole (Abilify®)
Asenapine (Saphris®)
Brexpiprazole (Rexulti®)
Cariprazine (Vraylar®)
Clozapine (Clozaril®)
Lurasidone (Latuda®)
Olanzapine (Zyprexa®)
Paliperidone (Invega®)
Quetiapine (Seroquel®)
Risperidone (Risperdal®)
Ziprasidone (Zeldox®)

Anxiolytics

Alprazolam (Xanax®)
Buspirone (Buspar®)
Bromazepam (Lectopam®)

Anxiolytics (cont'd)

Chlordiazepoxide (Librium®)
Clobazam (Frisium®)
Clonazepam (Rivotril®)
Clorazepate (Tranxene®)
Diazepam (Valium®)
Flurazepam (Dalmane®)
Hydroxyzine (Atarax®)
Lorazepam (Ativan®)
Midazolam (Versed®)
Nitrazepam (Mogadon®)
Oxazepam (Serax®)
Temazepam (Restoril®)

Central alpha-adrenergic agonists

Clonidine (Catapres®) [+](#)
Guanfacine (Intuniv XR®)

Norepinephrine Reuptake Inhibitor

Atomoxetine (Strattera®)

Monoamine Oxidase Inhibitors (MAOs)

Moclobemide (Manerix®)
Phénelzine (Nardil®)
Tranylcypromine (Parnate®)

Psychostimulants

Amphetamine/Dextroamphetamine (Adderall XR®)
Dextroamphetamine (Dexedrine®)
Lisdexamfetamine (Vyvanse®)
Methylphenidate (Ritalin®, Concerta®)
Biphentin®, Foquest®, Quilivant XR®

Sedative-Hypnotics

Diphenhydramine (Benadryl®)
Daridorexant (Quviviq®)
Eszopiclone (Lunesta®)
Lemborexant (Dayvigo®)
Melatonin
Phenobarbital (Phenobarb®)
Triazolam (Halcion®)
Zopiclone (Imovane®)
Zolpidem (Sublinox®)

Mood Stabilizers

Carbamazepine (Tegretol®) [+](#)
Gabapentin (Neurontin®) [+](#)
Lamotrigine (Lamictal®) [+](#)
Levetiracetam (Keppra®) [+](#)
Lithium (Carbolith®) [+](#)
Oxybate of sodium (Xyrem®) [+](#)
Phenytoin (Dilantin®) [+](#)
Pregabalin (Lyrica®) [+](#)
Topiramate (Topamax®) [+](#)
Valproic acid, Divalproex (Depakene®, Epival®) [+](#)

Wakefulness-Promoting Agents (MPA)

Modafinil (Alertec®)
Oxcarbazepine (Trileptal®)
Pitolisant (Wakix®)
Solriamfetol (Sunosi®)

[+](#) Included in Pain Management PGx Test

Pain Management PGx Test

Analgesic

Acetaminophen (Tylenol®)

Opioid Antagonists

Naloxone (Narcan®)
Naltrexone (Revia®)

Nonsteroidal Anti-Inflammatory Drugs (NSAIDs)

Acetylsalicylic acid (Aspirin®)
Celecoxib (Celebrex®)
Diclofenac (Voltaren®)
Etorolac (Ultradol®)

NSAIDs (cont'd)

Flurbiprofen (Ansaid®)
Ibuprofen (Advil®)
Indomethacin (Indocid®)
Ketorolac (Toradol®)
Meloxicam (Mobicox®)
Nabumetone (Relafen®)
Naproxen (Naprosyn®)
Piroxicam (Feldene®)
Tenoxicam (Mobicflex®)

Antimetabolite

Methotrexate

Cannabinoids

Cannabidiol (CBD)
Nabilone (Cesamet®)
Tetrahydrocannabinol (THC)

Opioids

Buprenorphine (Butrans®)
Butorphanol (Stadol®)
Codeine
Fentanyl (Duragesic®)
Hydrocodone (Hycodan®)
Hydromorphone (Dilaudid®)
Meperidine (Demerol®)
Methadone

Opioids (cont'd)

Morphine (Statex®)
Nalbuphine (Nubain®)
Oxycodone (Supeudol®)
Remifentanyl (Ultiva®)
Sufentanil (Sufenta®)
Tapentadol (Nucynta®)
Tramadol (Ultram®)

Muscle Relaxant

Carisoprodol (Soma®)
Cyclobenzaprine (Flexeril®)
Methocarbamol (Robaxin®)
Tizanidine (Zanaflex®)

Cardio PGx Test

Angiotensin-Converting Enzyme Inhibitors (ACEI)

Benazepril (Lotensin®)
Captopril (Capoten®)
Cilazapril (Inhibace®)
Enalapril (Vasotec®)
Fosinopril (Monopril®)
Lisinopril (Prinivil, Zestril®)
Perindopril (Coversyl®)
Quinapril (Accupril®)
Ramipril (Altace®)
Trandolapril (Mavik®)

Antiarrhythmics

Amiodarone (Pacerone®, Cordarone®)
Digoxine (Lanoxin®)
Flecainide (Tambocor®)
Propafenone (Rythmol®)
Disopyramide (Rythmodan®)

Anticoagulants

Acenocoumarol, Nicoumalone (Sintrom®)
Apixaban (Eliquis®)

Anticoagulants (cont'd)

Dasigatran (Pradaxa®)
Edoxaban (Lixiana®, Savaysa®)
Rivaroxaban (Xarelto®)
Warfarine (Coumadin®)

Antiplatelets

Clopidogrel (Plavix®)
Prasugrel (Effient®)
Ticagrelor (Brilinta®)

Angiotensin II Receptor Blockers (ARBs)

Azilsartan (Edarbi®)
Irbesartan (Avapro®)
Losartan (Cozaar®)
Olmesartan (Olmotec®, Benicar®)
Telmisartan (Micardis®)
Valsartan (Diovan®)

Beta-blockers

Acebutolol (Sectral®, Monitan®)
Atenolol (Tenormin®)

Beta-blockers (cont'd)

Bisoprolol (Monocor®, Zebeta®)
Carvedilol Coreg®
Labetalol (Trandate®)
Metoprolol (Lopressor®, Betaloc®, Toprol XL®)
Nadolol (Corgard®)
Propranolol (Inderal®) [+](#)
Sotalol (Sotacor®, Betapace®)

Calcium channel blockers (CCBs)

Amlodipine (Norvasc®)
Diltiazem (Cardizem®, Tiazac®)
Felodipine (Plendil®)
Nifedipine (Adalat, Procardia®)
Verapamil (Isoptin®, Verelan®, Calan®)

Diuretics

Acetazolamide (Diamox®)
Amiloride (Midamor®)
Chlorthalidone (Hygroton®)
Eplerenone (Inspra®)

Diuretics (cont'd)

Furosemide (Lasix®)
Hydrochlorothiazide (Hydrodiuril®, Microzide®)
Indapamide (Lozide®, Lozol®)
Spironolactone (Aldactone®)
Triamterene (Dyrenium®)

Lipid-lowering agent

Fenofibrate (Lipidil®, Tricor®)

Selective cholesterol-absorption inhibitor

Ezetimibe (Ezetrol®, Zetia®)

Statins

Atorvastatin (Lipitor®, Caduet®)
Fluvastatin (Lescol®)
Lovastatin (Mevacor®)
Pitavastatin (Livalo®)
Pravastatin (Pravachol®)
Rosuvastatin (Crestor®)
Simvastatin (Zocor®)

[+](#) Included in Mental Health PGx Test

Complementary treatments

Antiemetics

Dimenhydrinate (Gravol®) [+](#)
Granisetron (Kytril®) [+](#)

Antiemetics (cont'd)

Ondansetron (Zofran®) [+](#)
Palonosetron (Aloxi®) [+](#)

Proton Pump Inhibitors (PPI)

Esomeprazole (Nexium®) [+](#)
Dexlansoprazole (Dexilant®) [+](#)
Lansoprazole (Prevacid®) [+](#)

PPI (cont'd)

Omeprazole (Losec®) [+](#)
Pantoprazole (Pantoloc®) [+](#)

[+](#) Included in Mental Health, Pain Management, and Cardio PGx Tests

If a genetic issue is detected, potentially life-saving recommendations are provided for the following medications:
Carbamazepine, Oxcarbazepine, Phenytoin, Clopidogrel, Codeine, Tramadol, Tamoxifen, Voriconazole, Capecitabine, Fluorouracil, Azathioprine, Mercaptopurine, Thioguanine, Cisplatin

Genes Tested

Pharmacokinetic Genes:

ABCB1, ABCG2, CES1, CYP1A2, CYP2A6, CYP2B6, CYP2C cluster, CYP2C19, CYP2C9, CYP2D6, CYP3A4, CYP3A5, CYP4F2, DPYD, NUDT15, POR, SLC01B1, TPMT, UGT1A1, UGT1A4, UGT2B15, UGT2B7

Pharmacodynamic Genes:

ADRA2A, ANKK1, BDNF, CACNG2, CNR1, COMT, DRD2, DRD3, FAAH, FKBP5, GNB3, GRIK1, GRIK4, HLA-A*31:01, HLA-B*15:02, HTR2A, HTR2C, HTR7, INSIG2, IncRNA, MC4R, MTHFR, OPRM1, SLC6A2, SLC6A4, SLC6A5, TH, TPH2, VKORC1