

# 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	Gender <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**

- Mental Health (Psychiatric and ADHD)
- Pain Management
- Complete (Mental Health and Pain Management)

**Authorization**\_\_\_\_\_  
Ordering provider signature\_\_\_\_\_  
DateFor any questions, please contact us: [genetics@biron.com](mailto:genetics@biron.com) or at 1 866 923-2222 #8723.

# Pharmacogenomic Test

## for Psychiatry, ADHD and Pain Management

### MEDICATIONS COVERED

#### PSYCHIATRY AND ADHD

##### Antidepressants - SNRI

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

##### Antidepressants - SSRI

Citalopram (Celexa®)  
Escitalopram (Cipralex®)  
Fluoxetine (Prozac®)  
Fluvoxamine (Luvox®)  
Paroxetine (Paxil®)  
Sertraline (Zoloft®)

##### Antidepressants -Tricyclics

Amitriptyline (Elavil®)  
Clomipramine (Anafranil®)  
Desipramine (Norpramin®)  
Doxepin (Sinequan®)  
Imipramine (Tofranil®)  
Nortriptyline (Aventyl®)  
Trimipramine (Surmontil®)

##### Antidepressants - Others

Bupropion (Wellbutrin®)  
Esketamine (Spravato®)  
Ketamine (Ketalar®)  
Mirtazapine (Remeron®)  
Trazodone (Desyrel®)  
Vilazodone (Viibryd®)  
Vortioxetine (Trintellix®)

##### Antipsychotics – 1st generation

Chlorpromazine (Largactil®)  
Fluphenazine (Moditen®)  
Haloperidol (Haldol®)  
Loxapine (Loxapac®)  
Perphenazine (Trilafon®)  
Pimozide (Orap®)  
Trifluoperazine (Stelazine®)  
Zuclophenthixol (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®)  
Chlordiazepoxide (Librium®)  
Clobazam (Frisium®)  
Clonazepam (Rivotril®)  
Clorazepate (Tranxene®)

##### Anxiolytics (cont'd)

Diazepam (Valium®)  
Flurazepam (Dalmane®)  
Hydroxyzine (Atarax®)  
Lorazepam (Ativan®)  
Midazolam (Versed®)  
Nitrazepam (Mogadon®)  
Oxazepam (Serax®)  
Temazepam (Restoril®)

##### Beta blocker

Propranolol

##### Central Alpha-Adrenergic Agonists

Clonidine (Catapres®)  
Guanfacine (Intuniv XR®)

##### Monoamine Oxidase Inhibitors (MAOs)

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

##### Mood Stabilizers

Carbamazepine (Tegretol®)  
Gabapentin (Neurontin®)  
Lamotrigine (Lamictal®)  
Levetiracetam (Keppra®)  
Lithium (Carbolith®)  
Oxcarbazepine (Trileptal®)  
Phenytoin (Dilantin®)  
Pregabalin (Lyrica®)

##### Mood Stabilizers (cont'd)

Topiramate (Topamax®)  
Valproic Acid, Divalproex (Depakene®, Epival®)

##### Norepinephrine Reuptake Inhibitor

Atomoxetine (Strattera®)

##### Psychostimulants

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

##### Sedative-Hypnotics

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

##### Wakefulness-Promoting Agents

Modafinil (Alertec®)  
Pitolisant (Wakix®)  
Sodium oxybate (Xyrem®)  
Solriamfetol (Sunosi®)

#### PAIN MANAGEMENT

##### Analgesic

Acetaminophen (Tylenol®)

##### Antimetabolite

Methotrexate

##### Cannabinoids

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

##### Muscle Relaxant

Carisoprodol (Soma®)  
Cyclobenzaprine (Flexeril®)

##### Muscle Relaxant (cont'd)

Methocarbamol (Robaxin®)  
Tizanidine (Zanaflex®)

##### Nonsteroidal Anti-Inflammatory Drugs (NSAIDs)

Acetylsalicylic acid (Aspirin®)  
Celecoxib (Celebrex®)  
Diclofenac (Voltaren®)  
Etodolac (Ultradol®)  
Flurbiprofen (Ansaid®)  
Ibuprofen (Advil®)  
Indomethacin (Indocid®)  
Ketorolac (Toradol®)

##### NSAIDs (cont'd)

Meloxicam (Mobicox®)  
Nabumetone (Relafen®)  
Naproxen (Naprosyn®)  
Piroxicam (Feldene®)  
Tenoxicam (Mobiflex®)

##### Opioid Antagonists

Naloxone (Narcan®)  
Naltrexone (Revia®)

##### Opioids

Buprenorphine (Butrans®)  
Butorphanol (Stadol®)

##### Opioids (cont'd)

Codeine  
Fentanyl (Duragesic®)  
Hydrocodone (Hycodan®)  
Hydromorphone (Dilaudid®)  
Meperidine (Demerol®)  
Methadone  
Morphine  
Nalbuphine (Nubain®)  
Oxycodone (Supeudol®)  
Remifentanyl (Ultiva®)  
Sufentanil (Sufenta®)  
Tapentadol (Nucynta®)  
Tramadol (Ultram®)

#### COMPLEMENTARY TREATMENTS

##### Antiemetics

Dimenhydrinate (Gravol®)  
Granisetron (Kytril®)

##### Antiemetics (cont'd)

Ondansetron (Zofran®)  
Palonosetron (Aloxi®)

##### Proton Pump Inhibitors (PPI)

Dexlansoprazole (Dexilant®)  
Esomeprazole (Nexium®)  
Lansoprazole (Prevacid®)

##### Proton Pump Inhibitors (PPI) (cont'd)

Omeprazole (Losec®)  
Pantoprazole (Pantoloc®)

Also reported only if a pharmacogenomic association is identified: Clopidogrel (Plavix®), Tamoxifen, Voriconazole (Vfend®).

#### GENES TESTED

##### Pharmacokinetic Genes:

ABCB1, ABCG2, CES1, CYP1A2, CYP2A6, CYP2B6, CYP2C9, CYP2C19, CYP2D6, CYP3A4, CYP3A5, UGT1A1, UGT1A4, UGT2B7, UGT2B15

##### Pharmacodynamic Genes:

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