



**GENETIC PHARMACOLOGY SERVICE
MOLECULAR GENETICS LABORATORY**

3333 Burnet Avenue, TCHRF R-1042
Cincinnati, OH 45229-1933

For inquiries or courier service, please call (513) 636-4474

Fax (513) 636-4373 E-mail GPS@cchmc.org

Website <http://gps.cchmc.org>

**SPECIMENS MUST
BE SENT TO THIS
ADDRESS**

patient presented for lab draw specimen only

PATIENT- PHYSICIAN INFORMATION

Specimen Date Mo Day Yr		Specimen Time	Patient Name (Last)		(First)	Sex	Date of Birth Mo Day Yr	
Hospital MR #		Requesting Institution		Requesting Physician		Physician Phone #		Physician Fax #
LAB					Lab Phone #		Lab Fax #	
Physician Address					PHYSICIAN SIGNATURE (REQUIRED)			

PLEASE GIVE LAST 2 PAGES OF TESTING INFORMATION TO PATIENT/PARENT

INDICATION FOR DRUG PRESCRIPTION (or ICD-9 Code): _____

PLEASE CHOOSE ONE PANEL OR ONE INDIVIDUAL DRUG

GPS PANELS AVAILABLE:

<input checked="" type="checkbox"/>	Test Name	Bill	Comments
<input type="checkbox"/>	CCHMC PSYCHIATRY DRUG PANEL	PG5	(includes 34 drugs, please see http://gps.cchmc.org for list)
<input type="checkbox"/>	TPMT Genotype Analysis	PG8	(includes 3 drugs: 6-mercaptopurine; 6-thioguanine; azathioprine)

INDIVIDUAL DRUGS FOR WHICH PHARMACOGENETIC TESTING IS AVAILABLE (CHOOSE FROM THOSE BELOW):

<input checked="" type="checkbox"/>	Drug Name	Brand Name	Bill
<input type="checkbox"/>	6-mercaptopurine	Purinethol	PG8
<input type="checkbox"/>	6-thioguanine	Lanvis	PG8
<input type="checkbox"/>	amitriptyline	Elavil, Endep	PG5
<input type="checkbox"/>	aripiprazole	Abilify	PG3
<input type="checkbox"/>	atomoxetine	Strattera	PG3
<input type="checkbox"/>	azathioprine	Imuran	PG8
<input type="checkbox"/>	bupropion	Wellbutrin, Zyban	PG3
<input type="checkbox"/>	carvedilol	Coreg	PG3
<input type="checkbox"/>	celecoxib	Celebrex	PG2
<input type="checkbox"/>	citalopram	Celexa	PG5
<input type="checkbox"/>	clomipramine	Anafranil	PG5
<input type="checkbox"/>	clozapine	Clozaril	PG5
<input type="checkbox"/>	codeine	Multiple	PG3
<input type="checkbox"/>	desipramine	Norpramin	PG3
<input type="checkbox"/>	doxepin	Sinequan, Zonalon	PG5
<input type="checkbox"/>	flecainide	Tambocor	PG3
<input type="checkbox"/>	fluoxetine	Prozac, Sarafem	PG5
<input type="checkbox"/>	flupentixol	flupentixol	PG3
<input type="checkbox"/>	fluvastatin	Lescol	PG2
<input type="checkbox"/>	fluvoxamine	Luvox	PG5
<input type="checkbox"/>	glimepiride	Amaryl	PG2
<input type="checkbox"/>	glipizide	Glucotrol	PG2
<input type="checkbox"/>	glyburide	DiaBeta, Glucovance	PG2
<input type="checkbox"/>	haloperidol	Haldol	PG3
<input type="checkbox"/>	imipramine	Tofranil	PG5
<input type="checkbox"/>	lansoprazole	Prevacid	PG1
<input type="checkbox"/>	levomepromazine	Nozinan	PG3

<input checked="" type="checkbox"/>	Drug Name	Brand Name	Bill
<input type="checkbox"/>	losartan	Cozaar, Hyzaar	PG2
<input type="checkbox"/>	maprotiline	Ludiomil	PG5
<input type="checkbox"/>	metoprolol	Toprol	PG3
<input type="checkbox"/>	mianserin	Bolvidon, Organon	PG5
<input type="checkbox"/>	mirtazapine	Remeron	PG3
<input type="checkbox"/>	moclobemide	Manerix, Aurorex	PG5
<input type="checkbox"/>	nefazodone	Nefazodone	PG3
<input type="checkbox"/>	nortriptyline	Pamelor, Aventyl	PG3
<input type="checkbox"/>	olanzapine	Symbyax, Zyprexa	PG3
<input type="checkbox"/>	omeprazole	Prilosec	PG1
<input type="checkbox"/>	pantoprazole	Protonix	PG1
<input type="checkbox"/>	paroxetine	Paxil	PG3
<input type="checkbox"/>	perazine	Perazine	PG3
<input type="checkbox"/>	perphenazine	Trilafon	PG3
<input type="checkbox"/>	phenytoin	Dilantin	PG2
<input type="checkbox"/>	pimozide	Orap	PG3
<input type="checkbox"/>	propafenone	Rythmol	PG3
<input type="checkbox"/>	risperidone	Risperdal	PG3
<input type="checkbox"/>	sertraline	Zoloft	PG5
<input type="checkbox"/>	tamoxifen		PG3
<input type="checkbox"/>	thioridazine	Mellaril	PG3
<input type="checkbox"/>	tolbutamide	Diabinese, Orinase, Tolinase	PG2
<input type="checkbox"/>	trazadone	Desryel	PG3
<input type="checkbox"/>	trimipramine	Rhotrimine, Surmontil	PG5
<input type="checkbox"/>	venlafaxine	Effexor	PG3
<input type="checkbox"/>	warfarin	Coumadin	PG10
<input type="checkbox"/>	zotepine	Zotepine	PG1
<input type="checkbox"/>	zuclopenthixol	Clopixol	PG3

Sample Requirements: PURPLE TOP EDTA TUBE - NO LESS THAN 2 mL - Send to address at top of page

Medical Necessity Regulations

At the government's request, the Molecular Genetics Laboratory would like to remind all physicians that when ordering tests that will be paid under federal health care programs, including Medicare and Medicaid programs, that these programs will pay only for those tests the relevant program deems to be (1) included as covered services, (2) reasonable, (3) medically necessary for the treatment and diagnosis of the patient, and (4) not for screening purposes.

BILLING INFORMATION:	<input type="checkbox"/> Patient Billing	<input type="checkbox"/> Physician/Institution Account
<input type="checkbox"/> Check here if patient signed completed ABN		<input type="checkbox"/> Patient requests insurance be billed

Laboratory Use Only

Date/Time Received:

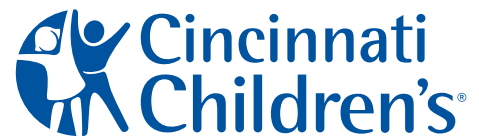
Received by:

Specimen Container:

Tubes:

Billing Information

Patient Name Last/First
DOB



Cincinnati Children's Hospital
Medical Center
3333 Burnett Avenue
Cincinnati, OH
45229

Choose one method of payment

Patient Billing

- Check Enclosed Money Order Credit Card
(Visa, MC, AM.Exp., Disc.)

Credit Card Number
Card Holder Name
Expiration Date
Signature

Phone: 513-636-4474

Fax: 513-636-4373

www.cincinnatichildrens.org

Referring Institution or MD

Institution
Address
City/State/Zip
Contact Name
Phone
Fax
Email

Insurance / Policy Holder Information

Name	
DOB	Gender
Authorization Number	
Insurance Name	
Insurance Address	
City/State/Zip	
Insurance ID Number	
Group Number	
Insurance Phone Number	

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Patient signed completed ABN

ALL INFORMATION MUST BE COMPLETED BEFORE SAMPLE CAN BE PROCESSED

Gene Test for Medicines: Patient/Parent Information

Throughout this document, references to "You" and "Your" may stand for either an adult patient or for the parents or legal guardians of a pediatric patient.

What are genes?

Genes are pieces of DNA that we inherit from our parents. Genes provide the instructions to make our bodies look and work as they do.

What do genes have to do with medicines?

Some genes affect the way medicines work in the body. When comparing a group of people, there can be slight differences in each gene's structure. These differences can affect how people react to medicine.

1. Some gene differences might make it harder for the body to get rid of some medicines. This means that usual doses of the medicine could give some people unexpected side effects.
2. Some gene differences can cause the body to use up a medicine too fast. This means that normal doses won't work as well and the person may need higher doses.
3. Some gene differences won't let certain medicines work in the body at all. This means a different medicine may work better.

What is this gene test called?

The gene test being considered for you is called a pharmacogenetic test. It is easier to call it a PG test.

Is the PG test required?

No. The test is optional. You can be treated with standard medicine doses without this PG test.

What do you need for the PG test?

About ½ teaspoon of your blood is needed for the PG test. It is also possible to do the test on scrapings from the inside of your cheek. Special brushes are needed to obtain the cheek scrapings.

Why do you want to do a PG test?

A PG test can be done before or after a medicine is given to you.

Before a medicine is given:

A PG test may help your doctor choose the medicine and dose that will work best for you.

After a medicine is given:

A PG test may help the doctor understand why you are having problems with a medicine. The test may also help your doctor decide if a different dose or different medicine should be tried.

What are the potential benefits of a PG test?

- The test may improve the chances that the medicine will help you as intended.
- The test may lower the chance of severe side effects from the medicine.
- The PG test for the medicine may only need to be done once in a lifetime. The test looks at common gene differences. If the common gene differences are found in your blood, then the test will not need to be repeated.
- The gene tested today may be important for medicines that you need in the future.

What are some of the limitations of the PG test?

- The test only looks at common gene differences. This means if the test does not find any of the common gene differences, you could still have one or more rare gene differences. The test will not detect rare gene differences. Some of these rare differences might affect how you react to the medicine.
- Gene differences are only one of many factors that can affect how you react to medicine. A few examples of other factors are your age, weight, other illnesses, lifestyle and environment. These factors need to be considered along with the PG test results.

Is there anything else I should know about the PG test?

In the future, some of these common gene differences may be found to be associated with other medical conditions.

The test results may be important for other family members. Biologic brothers, sisters and parents may have one or more of the same tested genes in common.

How much does the PG test cost?

The cost of the PG test depends on many factors. Insurance companies usually cover the costs of genetic tests that are used to guide medical management. Insurance companies vary in their coverage policies. It is wise to ask them directly whether or not they will cover the cost of PG testing.

How long does it take to get the test results?

Test results on a blood sample will be ready in 2 business days. Test results on a sample of cheek scrapings will be ready in 4 business days.

How will I learn about the test results?

The doctor or nurse will discuss the test results. The doctor will receive a report from the laboratory. The report will state if medicine changes are recommended, but will not show the gene result. The report will be placed in the medical record.

Will the gene result be in the medical records?

No. The laboratory realizes some people worry that insurance companies or employers will use genetic information to discriminate against them. The tested gene result will be stored in a safeguarded database in the Cincinnati Children's Molecular Genetics Laboratory. You may have the gene result. Cincinnati Children's strictly follows HIPAA guidelines to protect medical information.

What will happen to my sample?

Your DNA from the blood sample may be stored for up to two years in case future tests are needed. Neither your sample nor DNA will be used for research purposes.