

Medication Risk Assessment

To find out if you are at risk for an adverse drug event, complete the following assessment and share it with your healthcare provider. Your healthcare provider may recommend testing based on these results.

How many prescription medications do you take regularly?

- 0-2
0 POINTS
- 3-6
2 POINTS
- 7+
5 POINTS

Does more than one physician prescribe medicine to you?

- Yes
3 POINTS
- No
0 POINTS

Are you at least 65 years old?

- Yes
3 POINTS
- No
0 POINTS

Have you ever experienced a bad reaction to a medication that caused you to visit the emergency room or be hospitalized?

- Yes
5 POINTS
- No
0 POINTS

Have you been hospitalized in the last 30 days?

- Yes
3 POINTS
- No
0 POINTS

Do you sometimes experience unwanted side effects from any of your medications?

- Yes
5 POINTS
- No
0 POINTS

Do you sometimes feel that your medications are not working?

- Yes
5 POINTS
- No
0 POINTS

TOTAL PART A:






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To learn more about DNA Drug Sensitivity Testing and how it can help identify which medications work best for you:

www.genelex.com

800-TEST-DNA (837-8362)

5 STEPS TO PERSONALIZED PRESCRIBING:

-  1. Complete the Risk Assessment and share with your doctor.
-  2. Submit your medication list and a cheek swab to your doctor.
-  3. Receive your DNA test results, YouScript® Personalized Prescribing report and wallet card.
-  4. Schedule a follow-up visit with your doctor to review your test results.
-  5. Share these results with all of your healthcare providers.

Founded in 1987, Genelex is a recognized leader in DNA Drug Sensitivity (pharmacogenetic) Testing and personalized medication management. The company's high-complexity laboratory has over 25 years of DNA testing experience. Genelex is accredited by the College of American Pathologists (CAP 4344001), is certified under the Clinical Laboratory Improvement Amendments (CLIA No. 50D0980559), is Washington State Medical Test Site No. MTSA.FS. 60671761, New York State Department of Health license No. PFI 8201 and is licensed to perform clinical testing in all US states.

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Genetics and Medications

Five steps to knowing which drugs are right for you

9 out of 10 patients are at risk of an adverse drug event. Are you one of them?

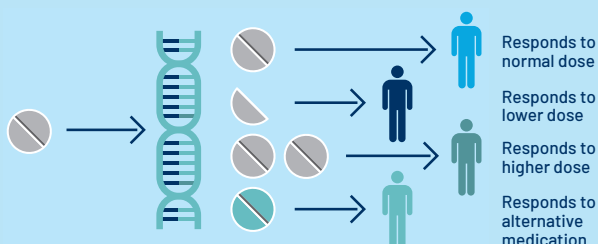
Blockbuster:

One-size-fits-all approach to drug development/prescribing



Personalized Prescribing:

Enables selection of the right drug, right dose, right now



Adverse drug events are the 4th leading cause of death in America and more than half of those deaths occur from properly prescribed medications.

Even when properly prescribed, your genetics can affect how you react to the medications you take. In fact, more than 75% of people have detectable variations in their DNA that affect how they respond to more than half of the most commonly prescribed medications.* Even seemingly safe herbals and over-the-counter drugs can have surprising—and sometimes serious—side effects depending on your DNA.

Take the first step to understanding which drugs are right for you by completing the YouScript Risk Assessment.

*Source: Villagra et al, Biomark Med. 5(4): 427-438, 2011

FOR MORE INFORMATION:
visit www.genelex.com

Genelex helps your healthcare provider identify the safest, most effective medications for you— and also identify which ones to avoid.

Now there is a simple test that can help your doctor determine which drugs and doses are right for you.

YouScript Personalized Prescribing starts with a painless cheek swab done by you or by your doctor or pharmacist. The swabs are then sent to Genelex's state-of-the-art testing laboratory to determine your drug metabolism type.

In about a week, your healthcare provider will receive a comprehensive, yet easy-to-understand report that contains your results as well as detailed recommendations for possible necessary changes to your drugs or doses.

Genelex + YouScript can help you and your physician:

- Reduce the cost and hassle of ruling out ineffective medications by trial and error
- Improve the effectiveness of the medications you are taking
- Reduce negative side effects
- Prevent adverse drug reactions

Every Genelex Report + YouScript Personalized Prescribing Plan comes with:

- ✓ Wallet cards to help you share your drug metabolism information with all of your healthcare providers
- ✓ Secure online access to your results so providers can make safer, more informed prescribing decisions based on your unique DNA
- ✓ Support from a team of licensed pharmacists and personalized prescribing specialists
- ✓ Ongoing patient education

Risk Assessment

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Which medications are you currently taking?

- | | | |
|--|--|---|
| <input type="checkbox"/> abacavir* | <input type="checkbox"/> esomeprazole* | <input type="checkbox"/> ondansetron |
| <input type="checkbox"/> allopurinol | <input type="checkbox"/> estrogen-containing HRT | <input type="checkbox"/> oxcarbazepine |
| <input type="checkbox"/> amitriptyline* | <input type="checkbox"/> estrogen-containing OCs | <input type="checkbox"/> pantoprazole* |
| <input type="checkbox"/> amoxapine | <input type="checkbox"/> fesoterodine | <input type="checkbox"/> paroxetine* |
| <input type="checkbox"/> aripiprazole* | <input type="checkbox"/> flecainide | <input type="checkbox"/> peginterferon-alfa drugs |
| <input type="checkbox"/> atomoxetine* | <input type="checkbox"/> flibanserin | <input type="checkbox"/> phenobarbital |
| <input type="checkbox"/> atorvastatin | <input type="checkbox"/> fluoxetine | <input type="checkbox"/> Phenytoin* |
| <input type="checkbox"/> azathioprine* | <input type="checkbox"/> flurbiprofen* | <input type="checkbox"/> pimozide |
| <input type="checkbox"/> brexpiprazole* | <input type="checkbox"/> fluvastatin | <input type="checkbox"/> piroxicam |
| <input type="checkbox"/> brivaracetam | <input type="checkbox"/> fluvoxamine* | <input type="checkbox"/> pitavastatin |
| <input type="checkbox"/> bupropion | <input type="checkbox"/> fosphenytoin | <input type="checkbox"/> pravastatin* |
| <input type="checkbox"/> capecitabine* | <input type="checkbox"/> galantamine* | <input type="checkbox"/> primidone |
| <input type="checkbox"/> carbamazepine* | <input type="checkbox"/> gefitinib* | <input type="checkbox"/> proguanil |
| <input type="checkbox"/> carisoprodol* | <input type="checkbox"/> haloperidol | <input type="checkbox"/> propafenone* |
| <input type="checkbox"/> carvedilol* | <input type="checkbox"/> hydrocodone | <input type="checkbox"/> protriptyline* |
| <input type="checkbox"/> celecoxib* | <input type="checkbox"/> ibuprofen | <input type="checkbox"/> quazepam |
| <input type="checkbox"/> cevimeline* | <input type="checkbox"/> iloperidone* | <input type="checkbox"/> rabeprazole* |
| <input type="checkbox"/> chlorpheniramine | <input type="checkbox"/> imipramine* | <input type="checkbox"/> repaglinide |
| <input type="checkbox"/> cisplatin* | <input type="checkbox"/> irbesartan | <input type="checkbox"/> risperidone* |
| <input type="checkbox"/> citalopram* | <input type="checkbox"/> irinotecan* | <input type="checkbox"/> rosuvastatin |
| <input type="checkbox"/> clobazam* | <input type="checkbox"/> isoniazid | <input type="checkbox"/> sertraline |
| <input type="checkbox"/> clomipramine* | <input type="checkbox"/> lamotrigine | <input type="checkbox"/> simvastatin |
| <input type="checkbox"/> clopidogrel**
Plavix** | <input type="checkbox"/> lansoprazole | <input type="checkbox"/> sulfamethoxazole* |
| <input type="checkbox"/> clozapine* | <input type="checkbox"/> lesinurad | <input type="checkbox"/> sulfasalazine |
| <input type="checkbox"/> codeine* | <input type="checkbox"/> losartan | <input type="checkbox"/> tacrolimus |
| <input type="checkbox"/> cyclophosphamide | <input type="checkbox"/> maprotiline | <input type="checkbox"/> tamoxifen* |
| <input type="checkbox"/> cyclosporine | <input type="checkbox"/> meloxicam | <input type="checkbox"/> tamsulosin |
| <input type="checkbox"/> darifenacin | <input type="checkbox"/> mercaptopurine* | <input type="checkbox"/> tetrabenazine* |
| <input type="checkbox"/> desipramine* | <input type="checkbox"/> methadone | <input type="checkbox"/> thalidomide |
| <input type="checkbox"/> dexlansoprazole* | <input type="checkbox"/> methotrexate | <input type="checkbox"/> thioguanine* |
| <input type="checkbox"/> dextromethorphan | <input type="checkbox"/> metoprolol* | <input type="checkbox"/> thioridazine* |
| <input type="checkbox"/> diazepam* | <input type="checkbox"/> mexiletine | <input type="checkbox"/> timolol |
| <input type="checkbox"/> diclofenac | <input type="checkbox"/> mitotane | <input type="checkbox"/> tolterodine* |
| <input type="checkbox"/> dihydrocodeine | <input type="checkbox"/> naproxen | <input type="checkbox"/> torsemide |
| <input type="checkbox"/> donepezil | <input type="checkbox"/> nefazodone* | <input type="checkbox"/> tramadol* |
| <input type="checkbox"/> doxepin* | <input type="checkbox"/> nelfinavir | <input type="checkbox"/> trazodone |
| <input type="checkbox"/> dronabinol | <input type="checkbox"/> nevirapine | <input type="checkbox"/> trimipramine |
| <input type="checkbox"/> duloxetine | <input type="checkbox"/> nifedipine | <input type="checkbox"/> venlafaxine* |
| <input type="checkbox"/> efavirenz | <input type="checkbox"/> nortriptyline* | <input type="checkbox"/> voriconazole* |
| <input type="checkbox"/> eliglustat | <input type="checkbox"/> omeprazole* | <input type="checkbox"/> vortioxetine* |
| <input type="checkbox"/> escitalopram* | | <input type="checkbox"/> warfarin* |

TOTAL PART B (5 points per medication):

TOTAL A + TOTAL B = YOUR RISK SCORE:

0-9 POINTS:
✓ LOW RISK

10-19 POINTS:
⚠ MODERATE

20+ POINTS:
🚫 HIGH RISK

If you are Moderate or High Risk, ask your provider for a DNA Drug Sensitivity Test.

* Drugs with FDA PGx guidance on their label ** Denotes automatic high risk