



## Understanding Test Results

The Proactive Health Medication Response test looks at DNA changes that may affect your body's response to over 70 medications. Sharing your results with your healthcare team can help them choose medications that are more likely to work well for you and less likely to cause side effects.



### Test Results Overview

#### What's in the Report

- Results show if you have DNA changes that affect how your body responds to certain medications.
- These changes can impact how well certain medications work or your risk of side effects.

#### How Results Can Impact Prescribing

- Most people have at least one DNA change that affects medication response.
- Results can help your provider choose the medications and doses that are best suited for you.

### Test Results Walk-Through

#### Report Table

Lists all of the genes tested and whether there is a DNA change with an associated impact ("phenotype") on medication response.

**PHARMACOGENOMIC SUMMARY**

To facilitate the use of pharmacogenomic guidance, we report known variants in genes associated with response to common medications. Our test examines 15 genes with alleles with known pharmacogenomic implications. For additional guidance on how the findings in this report might affect drug response please refer to the FDA. **You should always consult your healthcare provider prior to making any changes to your medication regimen.**

1 GENE	2 DIPLTYPE	3 GENE PHENOTYPE
CYP2B6	*6 / *22	Intermediate Metabolizer
CYP2C19	*1 / *1	Normal Metabolizer
CYP2C9	*1 / *1	Normal Metabolizer
CYP2D6	*1 / *4	Intermediate Metabolizer

#### 1 GENE INFORMATION

The specific regions of DNA ("genes") analyzed.

#### 2 PHENOTYPE

This indicates how your specific DNA changes impact how quickly your body processes certain medications. This can influence how well they work and what side effects you may have.

#### 3 DIPLTYPE

The specific DNA changes detected.

#### Clinical Guidelines Supplement

Provides a summary of how detected DNA changes may impact responses to specific medications.

**4 IMPACT LEGEND**

▲ CONTRAINDICATED	Clinical guidelines* recommend selecting an alternative drug
ⓘ MAJOR IMPACT	Clinical guidelines* suggest a change to dosage and elevated risk of adverse drug reactions
⚙️ ALTERED DOSE	Clinical guidelines* suggest a change to dosage
✔️ MINIMAL IMPACT	No guidance beyond standard course of action

\*Pharmacogenomic guidelines presented in this supplement are based on those outlined in the [Clinical Pharmacogenetics Implementation Consortium \(CPIC\)](#) and the [FDA Table of Pharmacogenomic Associations](#), which compile materials from various sources of clinical pharmacogenomic information. Providers may use these guidelines as a reference, along with other clinical factors, to help them when selecting medications and dosages for this patient. **This guideline information is not intended to be used in isolation, and the provider needs to take into account all clinical considerations and FDA prescribing information before making any changes to treatment.**

**5 ACTIONABLE DRUG-GENE INTERACTION SUMMARY**

BEHAVIORAL HEALTH	CARDIOLOGY
⚙️ atomoxetine CYP2D6 (Normal Metabolizer)	⚙️ pitavastatin SLCO1B1 (Decreased Function)
	▲ simvastatin SLCO1B1 (Decreased Function)
	⚙️ warfarin CYP2C9 (Normal Metabolizer)
	⚙️ warfarin CYP4F2 (Variant Present)
	⚙️ warfarin VKORC1 (Variant Present)

#### 4 IMPACT LEGEND

Explains what each impact level means for your medications, based on established clinical guidelines.

#### 5 ACTIONABLE DRUG-GENE INTERACTION SUMMARY

Shows how your DNA may affect how certain medications work for you, which can help your healthcare provider choose or adjust medications. These results are for informational purposes only—**always talk with your healthcare provider before making any changes to your medications.**



## Next Steps



### Follow-up with Your Provider

Share this report with your provider to help guide your current or future prescriptions. Together, you can use these results to choose the medications and doses that are safest and most effective for you.



### Schedule a Genetic Counseling Session

MyOme offers access to certified genetic counselors who can help you understand what your results mean for you and your family.



### Consider Sharing Results with Family

Your blood relatives may share similar genetic risks. Sharing your results can help them understand their potential health risks and decide if genetic testing is right for them.



### Stay Informed

Your personal health and genetic research is constantly evolving. As your health changes and scientific knowledge advances, your provider can access updated reports from MyOme to gain additional insights.

## Important Considerations

- Genetic testing is one tool, but it doesn't cover every factor that affects how you react to medicine. Other things like your age, weight, diet, and other medications you take also play a big role.
- This test is designed to show how your body processes certain medications. It is not intended to predict your risk of developing diseases or to find rare genetic conditions like those related to cancer risk.
- These results are meant to help your provider choose the right treatments for you. **Never start, stop, or change the dose of any medication on your own.** Always consult your doctor first.
- Even if you aren't taking these medications today, keep this report as a reference. If you ever need a new prescription in the future, sharing this with your doctor can help them find the safest "match" for your DNA from the start.



Meaningful Genetic Insights Can Shape Your Health Journey.  
Visit our website to learn more.