



Pharmacogenetic PGx Report

Assay Ordered	StatinSelect Panel
Patient Name	Anonymous
Patient ID#	208520850059
DOB	Unknown
Gender	Female
Sample Collection Date	N/A
Version	2.0

The **Scylex Inc. Pharmacogenetic (PGx) Report** is an analysis of the patient's DNA to identify relevant genetic variants to help inform medication efficacy, safety and dosing. Interpretation of the identified gene variants are done by **Scylex Inc.** and are based on the Clinical Pharmacogenetics Implementation Consortium (CPIC)^{*} focusing on immediately actionable clinical recommendations regarding safer and/or more effective medications and dosing for the patient. If applicable, the Medication Report section pairs genetic variant data with the most current FDA-approved drug labels^{**}. This report is meant as an adjunct to your health care provider's recommended treatments. The interpretation of this report should be done in consultation with a qualified healthcare professional. The information provided in this report serves as a valuable tool to support personalized medicine and facilitate informed decision-making regarding medication selection and dosing. Any additional medications listed that have no FDA approved PGx guidance are optional and only provided for educational purposes.

Key Benefits of your Scylex PGx Report:

- **Enhanced medication selection:** The test results will help healthcare professionals identify medications that are more likely to be effective and/or safe for you, based on your genetic profile.
- **Minimized adverse effects:** By considering your genetic variations, healthcare professionals can potentially reduce the risk of adverse drug reactions or unwanted side effects.
- **Optimized dosing:** Pharmacogenetic testing can aid in determining the appropriate dosage of medications, taking into consideration your genetic factors and individual characteristics. Thereby limiting the common trial and error process of finding the right dosage.
- **Improved treatment outcomes:** Personalized medication strategies guided by pharmacogenetic information may enhance the effectiveness of treatment and improve health outcomes.

* <https://cpicpgx.org>

** <https://www.fda.gov/medical-devices/precision-medicine/fda-recognition-public-human-genetic-variant-databases>

Sections

- I. Drug Recommendation Summary
- II. Dosing Recommendation Summary
- III. Genotype Summary and Implications
- IV. Disclaimers

Section I: Drug Recommendation Summary[†]

Section	Section Title	Section Number	Section Description
1.1	Introduction		

1.1.1 Introduction to the course and the importance of the course. This section provides an overview of the course and the importance of the course. It also includes information about the course and the importance of the course.

Section II: Doing Recommendation Summary²

Page	Title	Description
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2.1 Doing Recommendation Summary in the course. This section provides an overview of the course and the importance of the course. It also includes information about the course and the importance of the course.

Section III: Genotype Summary and Implications

Genotype Summary

3.1 Genotype Summary and Implications. This section provides an overview of the course and the importance of the course. It also includes information about the course and the importance of the course.

QUESTION 1. The following information relates to the accounts receivable of a company at the end of the year: Accounts receivable: £100,000 Allowance for doubtful debts: £5,000 Debtors who are over 90 days overdue: £10,000 Debtors who are over 60 days overdue: £20,000 Debtors who are over 30 days overdue: £30,000 Debtors who are under 30 days overdue: £35,000 The company's policy is to provide an allowance for doubtful debts of 5% of the gross amount of accounts receivable.	REQUIRED Calculate the amount of the provision for doubtful debts.
	ANSWER £5,000
	EXPLANATION The allowance for doubtful debts is calculated as 5% of the gross amount of accounts receivable.

SOLUTION

The allowance for doubtful debts is calculated as 5% of the gross amount of accounts receivable. The allowance for doubtful debts is £5,000.

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<p>Q1</p>	<p>Answer: The correct answer is Option A.</p>
<p>Q2</p>	<p>Answer: The correct answer is Option B.</p>
<p>Q3</p>	<p>Answer: The correct answer is Option C.</p>

Q4

- The correct answer is **Option A**.

Q5

The correct answer is **Option A**.

<p>Q6</p>	<p>Answer: The correct answer is Option A.</p>
<p>Q7</p>	<p>Answer: The correct answer is Option B.</p>
<p>Q8</p>	<p>Answer: The correct answer is Option C.</p>

Q9

- The correct answer is **Option A**.

Q10

The correct answer is **Option A**.

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<p>Indication</p>	<p>Indication To determine the presence of a pathogenic variant in the <i>CYP2C19</i> gene.</p>
<p>Intended Use</p>	<p>Intended Use This test is intended for use in individuals who are taking or planning to take proton pump inhibitors.</p>
<p>Limitations</p>	<p>Limitations The presence of a pathogenic variant in the <i>CYP2C19</i> gene does not guarantee that an individual will respond to proton pump inhibitors in a predictable manner.</p>

Notes

- 1. The *CYP2C19* gene is located on chromosome 10q24.3. The *CYP2C19* gene encodes the CYP2C19 enzyme, which is responsible for the metabolism of proton pump inhibitors.
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Disclaimers and Other Information

A. Unreported Medications

The report is based on current scientific knowledge and available genetic testing data. It may not cover every medication in the market as pharmacogenetic information for some medications may be limited or unavailable. The results presented in this report are generated based on information that is available up to the date of this report. The information is subject to revision as new drugs are continually being developed and the data is reviewed.

B. Unrelated Genotypes

The interpretation of genetic test results can be influenced by factors such as the quality of the sample, the specific genetic variants analyzed, and the algorithms used for analysis. In addition, unrelated genotypes may occur in individuals with the correct variant. As a result, certain genotypes may not be reported due to technical or interpretive limitations. While efforts are made to minimize a wide range of clinically relevant errors, in some cases, pharmacogenetic markers may still remain unlisted or underrepresented.

C. Interpretation of Results

The information presented in this report is intended to be interpreted by a licensed physician or other licensed healthcare professional. This report is not intended to serve the place of professional medical advice. Decisions regarding use of prescription medications must be made only after consulting with a licensed physician or other licensed healthcare professional and should coincide with patient's medical history and current treatment regimen.

D. CYP2C19 Allele Function, Phenotype and Recommendation

See report's appendix for the CYP2C19 alleles.

E. Level 3 PharmDAB annotations/ Level C OTC guidelines

These specific drugs are listed in level C OTC guidelines or level 3 clinical annotations derived from the PharmDAB database. Level C OTC guidelines describe drugs where evidence does exist, but additional information is required to establish definitive conclusions. Drugs under this classification therefore have not earned FDA approval pending or being recommended at the time of this report. Level C OTC guidelines include a need for further consideration and personalized treatment planning.

The drugs listed in this category are based on the current state of scientific knowledge and research available up to the date of this report. It is important to note that drug categorization in the section and OTC guidelines are subject to updates and revisions as new research and clinical data become available. It is important to stay informed about any changes that may affect your treatment as new scientific knowledge and prescribing information and recommendations are updated.

F. Drug Recommendation Summary and classification criteria using level 3 annotations

System provides a resource that gives the individual the most up-to-date information on how certain drugs interact with the individual based on their specific genetic profile. A large majority of our recommendations come from FDA approved prescribing information and clinical annotations that are OTC level 3 or above. For all other OTC level 3 or recommended drugs only at PharmDAB level 3 using System described recommendation criteria.