# Starter Report

Prepared for **Leslie Knope** · Nov 8, 2026 · Version 4.6

23andMe · GRCh37 · 7 genes · 4 substances

All results, summarized. Use the detailed report for full source recommendations, evidence, dose calculations and frequencies. Sources may offer different advice.

**Not a clinical test.** Do not change or stop a medication without your prescriber. Confirm important findings with a clinical-grade test. Missing or undetermined results do not mean normal results.

## Gene results

| GENE | COPIES | GENOTYPE | PHENOTYPE | SCORE |
|---|---|---|---|---|
| **ADH1B** | | rs1229984C/rs1229984C | Normal Function | - |
| **ALDH2** | | rs671G/rs671G | Normal Function | - |
| **CHRNA5** | A A | rs16969968A/rs16969968A | Increased Risk | - |
| **COMT** | | rs4680A/rs4680G | Intermediate Function | - |
| **CYP1A2** | | *1/*30 | Rapid Metabolizer | - |
| **CYP2A6** | | *1/*1 | Normal Metabolizer | - |
| **CYP2B6** | | *1/*1 | Normal Metabolizer | - |

Score: gene activity score, where defined. Glyph fill shows each copy's function; color shows the overall phenotype. Full explanations and typical activity ranges are in the detailed report.

Color shows the overall gene result. Dot fill shows each copy's function; lettered dots show your DNA letters where copy function isn't defined.

Normal / typical / favorable · Intermediate / decreased · Poor / increased risk · Rapid / increased · Not determined

## All substances

Summaries describe the report's overall guidance. "Use as directed" does not guarantee effectiveness or freedom from side effects. Brand names are shown where available.

Summaries use Gene2Rx wording. Summary sources: CPIC = Clinical Pharmacogenetics Implementation Consortium; DPWG = Dutch Pharmacogenetics Working Group; FDA = U.S. Food and Drug Administration drug information; Gene2Rx = research summary. "Report note" is a report explanation without a source summary. See the detailed report for all sources and recommendations.

Arrays test selected positions; imputation helps fill gaps but can still miss rare variants.

### Other substances 4

| MEDICATION | GUIDANCE | GENES | SUMMARY |
|---|---|---|---|
| **Alcohol** | Use as directed | ADH1B<br>ALDH2 | Your genes have little effect on how your body handles alcohol. (Summarized from Gene2Rx) |
| **Caffeine**<br>Coffee, Tea | Use with caution | CYP1A2 | Caffeine may wear off slightly sooner for you than average. The usual advice on caffeine limits applies. (Summarized from Gene2Rx) |
| **Ketamine**<br>Ketalar | Use as directed | CYP2B6 | Your body processes ketamine at the usual rate. (Summarized from Gene2Rx) |
| **Nicotine**<br>Cigarettes, Zyn | Use with caution | CHRNA5<br>COMT<br>CYP2A6 | This variant is linked to heavier smoking and finding it harder to quit. Stop-smoking medicines appear to help people with this result as much as or more than others. (Summarized from Gene2Rx) |

Coverage depends on your data and report tier. A medication missing here may still have pharmacogenetic guidance. Full source text and references are in the detailed report. Questions: contact@gene2rx.com.