



Personalize
your prescription with ...
The Power of DNA

DNA DrugMap™

Salivary DNA tests to personalize prescription and dosing decisions

Drug metabolism affects your patients' health and well-being:

- Adverse drug reactions are the 4th leading cause of death in the US (100,000 per year according to the FDA)
- 90% of all FDA-approved drugs are metabolized by one or more of the CYP450 enzymes
- DNA DrugMap™ tests identify genetic variations that can be used to personalize care
- A recent study estimates that 70% of patients who have failed at least one medication are currently taking a genetically sub-optimal medication



Tests available from a single painless oral rinse:

DNA DrugMap™ Profile:

- 2C9/VKORC1 (Example: Warfarin, Flucanazole and some NSAIDs such as Ibuprofen)
- 2C19 (Example: Plavix, Lexapro, PPIs such as Nexium, some Beta Blockers)
- 2D6 (Example: Codeine, Oxycodone and some Antidepressants)
- 3A4/3A5 (Example: Suboxone and Many Benzodiazepines and Opioids)

DNA DrugMap™ Profile: Inherited Thrombophilia

- Includes Profile plus Prothrombin, Factor V Leiden, MTHFR C677T and MTHFR A1298C

For more information, contact:

855-323-0680 or visit www.access-genetics.com

access genetics 

Metabolizer Phenotypes

Metabolic Phenotype	Rate of Metabolism	Plasma Drug Level	Clinical Outcome	Individualized Therapy
Poor metabolizer	None	Toxic	Side effects	Decrease dose/ choose alternate drug
Intermediate metabolizer	Reduced	High	May experience side effects	Dose titration may be required for optimal efficacy
Extensive metabolizer	Normal	Normal	Normal response	Normal dose
Ultrarapid metabolizer	Rapid	Low	Reduced efficacy	Titrate dose to increase efficacy