Test Definition: 2C9SO

Cytochrome P450 2C9 Genotype by Sequence Analysis, Saliva

Reporting Title: CYP2C9 Genotype, Saliva
Performing Location: Rochester

Specimen Requirements:

Multiple saliva genotype tests can be performed on a single specimen after a single extraction. See Multiple Saliva Genotype Tests in Special Instructions for a list of tests that can be ordered together.

Container/Tube: Oragene DNA Self-Collection Kit (Supply T651)
Specimen Volume: Full tube
Collection Instructions:
1. Fill tube to line.
2. Send specimen in original container per kit instructions.
Additional Information:
1. Cytochrome P450 Patient Education Brochure (Supply T526) is available upon request.
2. This test is used for assessing CYP2C9 for polymorphisms affecting the metabolism of drugs other than warfarin/Coumadin. If requesting for the use of warfarin, order WARFO/60341 Warfarin Sensitivity, Genotype; which includes testing for the CYP2C9 gene and VKORC1 gene promoter.
3. Liver transplants will interfere with testing. Call Mayo Medical Laboratories at 800-533-1710 or 507-266-5700 for instructions.
Forms: New York Clients-Informed consent is required. Please document on the request form or electronic order that a copy is on file. An Informed Consent for Genetic Testing (Supply T576) is available in Special Instructions.

Specimen Type	Temperature	Time
Saliva	Ambient	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
32927	CYP2C9 Genotype Star Alleles	Alphanumeric		46724-1
32928	CYP2C9 430C>T (*2)	Alphanumeric		In Process
32929	CYP2C9 818DelA (*6)	Alphanumeric		In Process
32930	CYP2C9 1075A>C (*3)	Alphanumeric		In Process
32931	CYP2C9 1076T>C (*4)	Alphanumeric		In Process
32932	CYP2C9 1080C>G (*5)	Alphanumeric		In Process
32933	CYP2C9 Genotype Interpretation	Alphanumeric		In Process
32934	CYP2C9 Reviewed by	Numeric		In Process
32935	CYP2C9 Phenotype Interpretation	Alphanumeric		In Process

Test Definition: 2C9SO

Cytochrome P450 2C9 Genotype by Sequence Analysis, Saliva

Result ID	Reporting Name	Type	Unit	LOINC®
2C9Q	CYP2C9 Sequencing	Alphanumeric		In Process

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
2C9O	CYP2C9 Genotype	1	81227	Yes	No
2C9Q	CYP2C9 Sequencing	6		Yes	No

Reference Values:

An interpretive report will be provided.