Test Definition: WARFO

Warfarin Sensitivity Genotype by Sequence Analysis, Saliva

Reporting Title: Warfarin Sensitive 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 and VKORC1 genes for polymorphisms affecting the metabolism of warfarin/Coumadin. This assay should be ordered on patients who are receiving warfarin for the first time or who require decreased warfarin dosing to maintain the international normalized ratio (INR) in the therapeutic range.
a. If using drugs other than warfarin, order 2C9SO / Cytochrome P450 2C9 Genotype by Sequence Analysis, Saliva, which only includes testing for the CYP2C9 gene.
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®
32967	CYP2C9 Star Alleles/VKORC1 Genotype	Alphanumeric		In Process
32968	CYP2C9 430C>T(*2)	Alphanumeric		In Process
32969	CYP2C9 818delA(*6)	Alphanumeric		In Process
32970	CYP2C9 1075A>C(*3)	Alphanumeric		In Process
32971	CYP2C9 1076T>C(*4)	Alphanumeric		In Process
32972	CYP2C9 1080C>G(*5)	Alphanumeric		In Process
32973	VKORC1 -1639G>A	Alphanumeric		In Process
32974	Warfarin Sens Genotype Interp	Alphanumeric		69047-9

Result ID	Reporting Name	Type	Unit	LOINC®
32975	Warfarin Sensitivity Reviewed by	Numeric		In Process
32976	Warfarin Sens Phenotype Interp	Alphanumeric		In Process
WARFQ	Warfarin Sensitivity Genotyping	Alphanumeric		In Process

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
WARSO	Warfarin Sensitivity Genotype, Saliva		Profile	Yes	No
Billing only	VKORC1 GENE	1	81355		
Billing only	CYP2C9 GENE COM VARIANTS	1	81227		
WARFQ	Warfarin Sensitivity Genotyping	1	81223	Yes	No

Reference Values:

An interpretive report will be provided.