

TEST DEFINITION

12/6/2011

NAME/ORDER CODE CROSS-REFERENCE

TEST CODE ALWAYS MESSAGE - [NP0141]

NP0141

CODE NAME

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WARFO WARFARIN SENSITIVE GENOTYPE, SALIVA

TEST SETUP INFORMATION

ORDER CODE	RESULT CODE	TITLE	CHECKING NORMALS	Print Normals	PERFORM SITE *
WARFO (PROFILE)		Warfarin Sensitive Genotype	, Saliva		
WARSO		Warfarin Sensitivity Genotyremp: Ambient	PE, SALIVA		MCR
	32967	CYP2C9 STAR ALLELES/VKORC	1 GENOTYPE UNITS:		
	32968	CYP2C9 430C>T(*2)	Units:		
	32969	CYP2C9 818DELA(*6)	Units:		
	32970	CYP2C9 1075A>C(*3)	Units:		
	32971	CYP2C9 1076T>C(*4)	Units:		
	32972	CYP2C9 1080C>G(*5)	Units:		
	32973	VKORC1 -1639G>A	Units:		
	32974	Warfarin Sens Genotype Inter	RP Units:		
	32975	Warfarin Sensitivity Reviews	ED BY UNITS:		
	32976	Warfarin Sens Phenotype Int	ERP UNITS:		

CYTOCHROME P450 2C9 (CYP2C9) METABOLIZES WARFARIN AND VITAMIN K EPOXIDE REDUCTASE COMPLEX, SUBUNIT 1 (VKORC1) IS THE TARGET OF WARFARIN THERAPY. THE COMBINED GENOTYPE CAN BE USED TO PREDICT AN INDIVIDUAL'S RESPONSE TO WARFARIN THERAPY. BIDIRECTIONAL DNA SEQUENCE ANALYSIS WAS USED TO TEST FOR THE

TEST SETUP INFORMATION

ORDER RESULT
CODE CODE TITLE
CHECKING NORMALS
PRINT NORMALS
SITE *

PRESENCE OF VARIANTS IN EXONS 3, 5, AND 7 OF THE CYP2C9 GENE AS WELL AS IN VKORC1'S DISTAL PROMOTER. THESE SEQUENCING REACTIONS DETECT THE PRESENCE OF CYP2C9 430C>T (*2), 818DELA (*6), 1075A>C (*3), 1076T>C (*4), 1080C>G (*5), AND VKORC1-1639G>A. THIS SEQUENCING ASSAY WILL NOT DETECT ALL THE KNOWN MUTATIONS THAT RESULT IN DECREASED OR INACTIVE CYP2C9 OR VKORC1. RARE POLYMORPHISMS COULD INTERFERE WITH TEST RESULTS. ABSENCE OF A DETECTABLE GENE MUTATION OR POLYMORPHISM DOES NOT RULE OUT THE POSSIBILITY THAT A PATIENT HAS AN INTERMEDIATE OR HIGH SENSITIVITY PHENOTYPE DUE TO THE PRESENCE OF AN UNDETECTED POLYMORPHISM OR DUE TO DRUG-DRUG INTERACTIONS.

TEST CODE ALWAYS MESSAGE - [TLDT]
TLDT LABORATORY DEVELOPED TEST.

WARFO WARFARIN SENSITIVITY GENOTYPING

TRANSPORT TEMP : AMBIENT\REFRIGERATED

WARFO WARFARIN SENSITIVITY GENOTYPING

UNITS:

*PERFORMING SITE LEGEND

WARFO (CONTINUED...)

MCR

MCR MAYO CLINIC DEPT. OF LAB MED AND PATHOLOGY LAB DIRECTOR: FRANKLIN R. COCKERILL, III, M.D.

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RESULT CODES USED BY OTHER ORDER CODES

(This list shows other order codes that use these result codes. They may or may not be available to all clients.)

RESULT USED BY
CODE ORDER CODE

WARFO WARFP

*** END OF REPORT ***