MAYO CLINIC LABORATORIES

Test Definition: FWARP

Warfarin, Plasma

Overview

Method Name
High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)

NY State Available
Yes

Specimen

Specimen Type
Plasma EDTA

Specimen Required
****Must submit one specimen per order. Specimens cannot be shared between multiple orders.*****

Collection Container/Tube: Lavender top or pink top (EDTA) (Plasma gel tubes are **not acceptable**)
Submission Container/Tube: Plastic vial
Specimen volume: 1 mL Plasma
Collection instructions:
1. Promptly centrifuge and aliquot 1 mL of plasma into a preservative-free plastic vial.
2. Send refrigerated.
Specimen Stability Information: Refrigerated (preferred) 30 days/Ambient 30 days/Frozen 15 months

Specimen Minimum Volume
Plasma: 0.5 mL

Reject Due To

All specimens will be evaluated by the processing and performing laboratories for test suitability.

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Plasma EDTA	Refrigerated (preferred)	30 days	
	Ambient	30 days	
	Frozen		

Clinical & Interpretive

Clinical Information
Refer to www.nmslabs.com/test-catalog.

Reference Values
Reporting limit determined each analysis.

None detected

Interpretation
The dosage of warfarin is best adjusted based on the International Normalized Ratio (INR) for prothrombin time. Peak plasma concentrations following single 10 mL doses averaged 0.6 mcg/mL for both R-warfarin and S-warfarin (combined concentration 1.2 mcg/mL). This test is not chiral specific and does not distinguish between the R and S enantiomers of warfarin. The blood to plasma ratio is approximately 0.5.

Performance

PDF Report
No

Day(s) Performed
Monday through Sunday

Report Available
9 to 11 days

Specimen Retention Time
2 weeks

Performing Laboratory Location
NMS Labs

Fees & Codes

Fees
- Authorized users can sign in to Test Prices for detailed fee information.
- Clients without access to Test Prices can contact Customer Service 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact Customer Service.

Test Classification
This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the U.S. Food and Drug Administration.

CPT Code Information

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Warfarin, Plasma

80375

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FWARP	Warfarin, Plasma	4098-0

Result ID	Test Result Name	Result LOINC® Value
Z5526	Warfarin	4098-0