

MULTIPLE CHANGES

NOTIFICATION DATE: September 22, 2009

EFFECTIVE DATE: October 27, 2009

MEXILETINE, PLASMA OR SERUM #9245

EXPLANATION: Effective October 27, 2009, multiple changes will occur to test #9245. Please see changes below. There will be no changes to the fee or CPT coding.

CURRENT REPORTING NAME: Mexiletine, P/S

NEW REPORTING NAME: Mexiletine, S

CURRENT PUBLISHED NAME: Mexiletine, Plasma or Serum

NEW PUBLISHED NAME: Mexiletine, Serum

CURRENT SPECIMEN REQUIREMENT: Draw blood in a lavender-top (EDTA) tube(s) after patient has been receiving mexiletine for at least 3 days and just before administration of the next dose. **(Plasma gel tube is not acceptable.)** Spin down and send 3 mL of EDTA plasma refrigerated.

NEW SPECIMEN REQUIREMENT: Draw blood in a plain, red-top tube(s) after patient has been receiving mexiletine for at least 3 days and just before administration of the next dose. **(Serum gel tube is not acceptable.)** Spin down and send 3 mL of serum refrigerated.

CURRENT REFERENCE VALUES: Therapeutic concentration: 0.75-2.00 ug/mL (trough value)

Toxic concentration: >2.00 ug/mL (trough value)

NEW REFERENCE VALUES: 0.8-2.0 mcg/mL (Therapeutic concentration, trough value)

>2.0 mcg/mL (Toxic concentration, trough value)

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
Jim Nielsen, Mayo Medical Laboratories Technologist Support
Telephone: 800-533-1710



MAYO CLINIC
 Mayo Medical Laboratories

TEST DEFINITION

10/7/2009

Code Name

 9245 Mexiletine, S

**** End of Name to order code Report ****

MML MML Test setup information

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
9245	9/2/2009		Mexiletine, S			MCR
Transport temp : Refrig\Ambient OK\Frozen OK						
9245 Mexiletine, S						
Expect results of form : Should be a number between 0.0 and 99.9						
Possible result values include : <0.2						
Units: mcg/mL						
NO SEX						
				All Ages : 0.8-2.0	; #N9245NA	
MALE						
				All Ages : 0.8-2.0	; #N9245NA	
FEMALE						
				All Ages : 0.8-2.0	; #N9245NA	

*Performing Site Legend

```
=====
==
MCR      Mayo Clinic Dpt of Lab Med & Pathology      LAB DIRECTOR:  Franklin R. Cockerill, III, M.D.
          200 First Street SW
          Rochester, MN 55905
=====
==
```

*** End of Report ***

MML

Messages used as normals

CODE	TEXT
N9245NA	0.8-2.0 (Therapeutic concentration, trough value) >2.0 (Toxic concentration, trough value)

Total of 1 normals codes

*** End of Report ***

1-800-533-1710

PATIENT NAME TESTING, 9245 IS		PATIENT NUMBER		AGE 41	SEX F	ACCESSION # G9134651
ORDERING PHYSICIAN		CLIENT ORDER #				ACCOUNT # LIAISONS
COLLECTION 09/12/09 03:01 P DATE TIME	RECEIVED 09/12/09 03:01 P DATE TIME	REPORT PRINTED 09/17/09 12:23 P DATE TIME		SPECIMEN INFORMATION DATE OF BIRTH:		
Test Client Attn: Mayo Liaisons 200 First Street SW Rochester, MN 55905 507-284-8202						

TEST REQUESTED	HI	LO	REF RANGE	PERFORM SITE *
----------------	----	----	-----------	----------------

Mexiletine, S

Mexiletine, S	1.5	mcg/mL	MCR
---------------	-----	--------	-----

-- EXPECTED VALUES --

 0.8-2.0 (Therapeutic
concentration, trough value)

 >2.0 (Toxic concentration,
trough value)

 Due to interference, patients co-administered Oxcarbazepine
may have falsely elevated results.

* PERFORMING SITE

MCR	Mayo Clinic Dpt of Lab Med & Pathology 200 First Street SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.
-----	---	--

PATIENT NAME TESTING, 9245 IS	ORDER STATUS Final	COLLECTION DATE AND TIME 09/12/09 03:01 P
---	------------------------------	---