

MULTIPLE CHANGES

NOTIFICATION DATE: September 22, 2009

EFFECTIVE DATE: October 27, 2009

AMITRIPTYLINE AND NORTRIPTYLINE, PLASMA #8125

EXPLANATION: Effective October 27, 2009, multiple changes will occur to test #8125. Please see changes below. There will be no changes to the fee or CPT coding.

CURRENT REPORTING NAME: Amitriptyline and Nortriptyline, P

NEW REPORTING NAME: Amitriptyline and Nortriptyline, S

CURRENT PUBLISHED NAME: Amitriptyline and Nortriptyline, Plasma

NEW PUBLISHED NAME: Amitriptyline and Nortriptyline, Serum

CURRENT SPECIMEN REQUIREMENT: Draw blood in a lavender-top (EDTA) tube(s) 12 hours after last 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) 12 hours after last dose. (**Serum gel tube is not acceptable.**) Spin down and send 3 mL of serum refrigerated

CURRENT REFERENCE VALUES: Amitriptyline and Nortriptyline

75-225 ng/mL (Total therapeutic concentration)

\geq 1000 ng/mL (Total toxic concentration)

Nortriptyline Only

50-150 ng/mL (Therapeutic concentration)

\geq 500 ng/mL (Toxic concentration)

NEW REFERENCE VALUES:

Amitriptyline and Nortriptyline

80-200 ng/mL (Total therapeutic concentration)

\geq 1000 ng/mL (Total toxic concentration)

Nortriptyline Only

70-170 ng/mL (Therapeutic concentration)

\geq 500 ng/mL (Toxic concentration)

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

TEST DEFINITION

10/7/2009

Code Name

8125 Amitriptyline and Nortriptyline, 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 *
8125	9/16/2009		Amitriptyline and Nortriptyline, S			MCR
			Transport temp : Refrig\Ambient OK\Frozen OK			
			8125 Amitriptyline, S			
			Expect results of form : Should be 2-4 Digit Number			
			Possible result values include : <20			
			Units: ng/mL			
			NO SEX			
			All Ages :		; Not defined	
			MALE			
			All Ages :		; Not defined	
			FEMALE			
			All Ages :		; Not defined	
			- - - - -			
			2450 Nortriptyline			
			Expect results of form : Should be 2-4 Digit Number			
			Possible result values include : <20			
			Units: ng/mL			
			NO SEX			
			All Ages : 70-170		; #N2450C	
			MALE			
			All Ages : 70-170		; #N2450C	
			FEMALE			
			All Ages : 70-170		; #N2450C	

(continued next page)

MML MML Test setup information

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
8125	(continued)					
		2451	Amitriptyline and Nortriptyline			
			Possible result values include : <20			
			Units: ng/mL			
			NO SEX			
			All Ages : 80-200			; #N2451C
			MALE			
			All Ages : 80-200			; #N2451C
			FEMALE			
			All Ages : 80-200			; #N2451C

*Performing Site Legend

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

MML Messages used as normals
8:30 AM

CODE	TEXT
N2450C	70-170 (Therapeutic concentration) >=500 (Toxic concentration)
N2451C	80-200 (Total therapeutic concentration) >=1000 (Total toxic concentration)

Total of 2 normals codes

*** End of Report ***

1-800-533-1710

PATIENT NAME TESTING, 8125 IS		PATIENT NUMBER		AGE 21	SEX M	ACCESSION # G9134639
ORDERING PHYSICIAN		CLIENT ORDER #			ACCOUNT # LIAISONS	
COLLECTION 09/12/09 02:35 P DATE TIME	RECEIVED 09/12/09 02:35 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 *
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Amitriptyline and Nortriptyline, S

Amitriptyline, S	45	ng/mL	Not defined	MCR
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Analytical interferences: sertraline may cause falsely low results, and clomipramine, amlodipine, chlorpheniramine, chlorpromazine, promazine, trihexyphenidyl, citalopram or escitalopram may cause false elevations.

Nortriptyline	70	ng/mL		MCR
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-- EXPECTED VALUES --

70-170 (Therapeutic concentration)

>=500 (Toxic concentration)

Analytical interferences: sertraline may cause falsely low results, and metformin may cause false elevations.

Amitriptyline and Nortriptyline	115	ng/mL		MCR
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-- EXPECTED VALUES --

80-200 (Total therapeutic concentration)

>=1000 (Total toxic concentration)

* 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.
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PATIENT NAME TESTING, 8125 IS	ORDER STATUS Final	COLLECTION DATE AND TIME 09/12/09 02:35 P
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