

MULTIPLE CHANGES

NOTIFICATION DATE: September 22, 2009

EFFECTIVE DATE: October 27, 2009

**PHENYTOIN, TOTAL AND PHENOBARBITAL, PLASMA
#8643**

EXPLANATION: Effective October 27, 2009, multiple changes will occur to test #8643. Please see changes below. There will be no changes to the fee or CPT coding.

CURRENT REPORTING NAME: Phenytoin, Total & Phenobarbital, P

NEW REPORTING NAME: Phenytoin, Tot and Phenobarbital, S

CURRENT PUBLISHED NAME: Phenytoin, Total and Phenobarbital Group, Plasma

NEW PUBLISHED NAME: Phenytoin, Total and Phenobarbital Group, Serum

CURRENT SPECIMEN REQUIREMENT: Draw blood in a lavender-top (EDTA) tube(s). Spin down and send 1 mL of EDTA plasma refrigerated.

NEW SPECIMEN REQUIREMENT: Draw blood in a plain, red-top tube(s). Spin down and send 1 mL of serum refrigerated.

CURRENT REFERENCE VALUES: PHENYTOIN, TOTAL

Therapeutic concentration: 10-20 ug/mL

Toxic concentration: > or =30 ug/mL

PHENOBARBITAL

Therapeutic concentration

Infants and children: 15-30 ug/mL

Adults: 20-40 ug/mL

Toxic concentration: > or = 60 ug/mL

NEW REFERENCE VALUES: PHENYTOIN, TOTAL

Therapeutic concentration: 10.0-20.0 mcg/mL

Toxic concentration: >= 30.0 mcg/mL

PHENOBARBITAL

Therapeutic concentration

Infants and children: 15.0-30.0 mcg/mL

Adults: 20.0-40.0 mcg/mL

Toxic concentration: >= 60.0 mcg/mL

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

TEST DEFINITION

9/17/2009

Code Name

8643 Phenytoin, Tot and Phenobarbital, 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 *
8643(profile) 8604	8/12/2009		Phenytoin, Tot and Phenobarbital, S Phenytoin, Total, S			MCR
			Transport temp : Refrig\Frozen OK\Ambient OK			
			8604 Phenytoin, Total, S			
			Possible result values include : <1.0,<1.0			
			Units: mcg/mL			
			NO SEX			
			All Ages : 10.0-20.0		; 10.0-20.0	
			MALE			
			All Ages : 10.0-20.0		; 10.0-20.0	
			FEMALE			
			All Ages : 10.0-20.0		; 10.0-20.0	
8252	8/12/2009		Phenobarbital, S			MCR
			Transport temp : Refrig\Ambient OK\Frozen OK			
			8252 Phenobarbital, S			
			Possible result values include : <2.0,<2.0			
			Units: mcg/mL			
			NO SEX			
			No age		; #N31152	
			1D to 13Y	: 15.0-30.0	; #N31152C13Y	
			14Y to 150Y	: 20.0-40.0	; #N31152Y150	
			MALE			
			No age		; #N31152	
			1D to 13Y	: 15.0-30.0	; #N31152C13Y	
			14Y to 150Y	: 20.0-40.0	; #N31152Y150	

(continued next page)

MML MML Test setup information

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
8643	(continued)					
		8252	Phenobarbital, S (continued)			
			FEMALE			
			No age	:		; #N31152
			1D to 13Y	:	15.0-30.0	; #N31152C13Y
			14Y to 150Y	:	20.0-40.0	; #N31152Y150

*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

CODE	TEXT
N31152	Therapeutic Concentration: 15.0-30.0 (Infants and children) 20.0-40.0 (Adults) >= 60.0 (Toxic concentration)
N31152C13Y	15.0-30.0 (Therapeutic concentration) >= 60.0 (Toxic concentration)
N31152Y150	20.0-40.0 (Therapeutic concentration) >= 60.0 (Toxic concentration)

Total of 3 normals codes

*** End of Report ***

1-800-533-1710

PATIENT NAME TESTING, 8643 IS		PATIENT NUMBER		AGE 32	SEX F	ACCESSION # G9134647
ORDERING PHYSICIAN		CLIENT ORDER #				ACCOUNT # LIAISONS
COLLECTION 09/12/09 02:53 P	RECEIVED	REPORT PRINTED 09/17/09 12:25 P		SPECIMEN INFORMATION DATE OF BIRTH:		
DATE TIME	DATE TIME	DATE TIME	DATE TIME			
Test Client Attn: Mayo Liaisons 200 First Street SW Rochester, MN 55905 507-284-8202						

TEST REQUESTED	HI	LO	REF RANGE	PERFORM SITE *
Phenobarbital, S				
Phenobarbital, S		25.0	mcg/mL	MCR
-- EXPECTED VALUES --				
20.0-40.0 (Therapeutic concentration)				
>= 60.0 (Toxic concentration)				
Phenytoin, Total, S				
Phenytoin, Total, S		20.0	mcg/mL	10.0-20.0 MCR

* 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, 8643 IS	ORDER STATUS Final	COLLECTION DATE AND TIME 09/12/09 02:53 P
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