

**MAGNESIUM, SERUM**  
**#460084**

**EXPLANATION:** On July 7, 2009, we will begin using new reference values for Magnesium, Serum (460084). The change will incorporate a new set of pediatric reference values and a revision to the adult reference value. The revision in the adult reference value is in response to the manufacturer's calibrator setpoint adjustment. No other changes to this test will be implemented at this time.

**CURRENT REFERENCE VALUES:** > or = 16 years: 1.8-2.5 mg/dL

**NEW REFERENCE VALUES:**

- 0-2 years: 1.6-2.7 mg/dL
- 3 – 5 years: 1.6-2.6 mg/dL
- 6-8 years: 1.6-2.5 mg/dL
- 9-11 years: 1.6-2.4 mg/dL
- 12-17 years: 1.6-2.3 mg/dL
- >17 years: 1.7-2.3 mg/dL

**QUESTIONS:** Contact your Mayo Medical Laboratories' Regional Manager  
Mary Erath, Mayo Medical Laboratories' Technical Support  
Telephone: 800-533-1710



**MAYO CLINIC**  
 Mayo Medical Laboratories

# TEST DEFINITION

6/2/2009

MML NAME/ORDER CODE CROSS-REFERENCE

CODE NAME  
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 460084 MAGNESIUM, S

MML MML TEST SETUP INFORMATION

ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PRINT NORMALS (# CODED)	PERFORM SITE *
460084	5/8/2009		MAGNESIUM, S			NEL
			TRANSPORT TEMP : REFRIG\FROZEN OK\AMBIENT OK			
			460084 MAGNESIUM, S			
			POSSIBLE RESULT VALUES INCLUDE : <0.1			
			UNITS: MG/DL			
			NO SEX			
			NO AGE : 1.6-2.7		; 1.6-2.7	
			1D TO 23M : 1.6-2.7		; 1.6-2.7	
			24M TO 5Y : 1.6-2.6		; 1.6-2.6	
			6Y TO 8Y : 1.6-2.5		; 1.6-2.5	
			9Y TO 11Y : 1.6-2.4		; 1.6-2.4	
			12Y TO 17Y : 1.6-2.3		; 1.6-2.3	
			18Y TO 150Y : 1.7-2.3		; 1.7-2.3	
			MALE			
			NO AGE : 1.6-2.7		; 1.6-2.7	
			1D TO 23M : 1.6-2.7		; 1.6-2.7	
			24M TO 5Y : 1.6-2.6		; 1.6-2.6	
			6Y TO 8Y : 1.6-2.5		; 1.6-2.5	
			9Y TO 11Y : 1.6-2.4		; 1.6-2.4	
			12Y TO 17Y : 1.6-2.3		; 1.6-2.3	
			18Y TO 150Y : 1.7-2.3		; 1.7-2.3	
			FEMALE			
			NO AGE : 1.6-2.7		; 1.6-2.7	
			1D TO 23M : 1.6-2.7		; 1.6-2.7	
			24M TO 5Y : 1.6-2.6		; 1.6-2.6	
			6Y TO 8Y : 1.6-2.5		; 1.6-2.5	
			9Y TO 11Y : 1.6-2.4		; 1.6-2.4	
			460084 MAGNESIUM, S (CONTINUED)			
			12Y TO 17Y : 1.6-2.3		; 1.6-2.3	
			18Y TO 150Y : 1.7-2.3		; 1.7-2.3	

\*PERFORMING SITE LEGEND

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NEL      MAYO MEDICAL LABORATORIES NEW ENGLAND  
          160 DASCOMB ROAD  
          ANDOVER, MA 01810  
=====

LAB DIRECTOR:    LYNN A. CHERYK, PH.D.

MML  
CODE            TEXT  
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MESSAGES USED AS NORMALS

TOTAL OF 0 NORMALS CODES

\*\*\* END OF REPORT \*\*\*



## LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME TESTING, EMIR IS		PATIENT NUMBER		AGE 40	SEX M	ACCESSION # G9128290
ORDERING PHYSICIAN		CLIENT ORDER #				ACCOUNT # LIAISONS
COLLECTION 06/02/09 09:17 A	RECEIVED 06/02/09 09:17 A	REPORT PRINTED 06/02/09 09:30 A		SPECIMEN INFORMATION DATE OF BIRTH:		
<b>DATE</b>	<b>TIME</b>	<b>DATE</b>	<b>TIME</b>			
Test Client Attn: Mayo Liaisons 200 First Street SW Rochester, MN 55905 507-284-8202						

TEST REQUESTED	HI LO	REF RANGE	PERFORM SITE *
<b>Magnesium, S</b> Magnesium, S	1.9	1.7-2.3	NEL

## \* PERFORMING SITE

NEL	Mayo Medical Laboratories New England 160 Dascomb Road Andover, MA 01810	Lab Director: Lynn A. Cheryk, Ph.D.
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PATIENT NAME TESTING, EMIR IS	ORDER STATUS Final	COLLECTION DATE AND TIME 06/02/09 09:17 A
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Specimen receipt and report times are in CST/CDT

REPRINT

Page 1 of 1