

**PROGESTERONE, SERUM  
#200190**

**EXPLANATION:** Mayo Medical Laboratories will be changing methodology for Progesterone, Serum, test code #200190. This change will require adjusting the reference values as well.

**CURRENT METHODOLOGY:** Automated Chemiluminescent Immunoenzymatic Assay

**NEW METHODOLOGY:** Electrochemiluminescence Immunoassay

**CURRENT REFERENCE VALUES:**

**Males**

Cord blood: 569-1,107 ng/mL\*  
0-23 months: 0.87-3.37 ng/mL\*  
2-9 years: 0.12-0.14 ng/mL\*  
10-17 years: Adult levels are attained by puberty.\*  
> or = 18 years: < or =1.2 ng/mL

**Females**

Cord blood: 569-1,107 ng/mL\*  
0-23 months: 0.87-3.37 ng/mL\*  
2-9 years: 0.20-0.24 ng/mL\*  
10-17 years: Values increase through puberty and adolescence.\*  
Premenopausal  
Follicular phase: < or =1.5 ng/mL  
Luteal phase: 2-20 ng/mL  
Postmenopausal: < or =1.1 ng/mL

**NEW REFERENCE VALUES:**

**Males**

Cord blood: 569-1,107 ng/mL\*  
0-23 months: 0.87-3.37 ng/mL\*  
2-9 years: <0.15 ng/mL\*  
10-17 years: Adult levels are attained by puberty.\*  
> or =18 years: 0.20-1.40 ng/mL

**Females**

Cord blood: 569-1,107 ng/mL\*  
0-23 months: 0.87-3.37 ng/mL\*  
2-9 years: 0.20-0.24 ng/mL\*  
10-17 years: Values increase through puberty and adolescence.\*  
Premenopausal  
Follicular phase: 0.20-1.50 ng/mL  
Ovulation phase: 0.80-3.00  
Luteal phase: 1.70-27.00 ng/mL  
Postmenopausal: < 0.15-0.80 ng/mL

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

5/18/2009

ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PRINT NORMALS (# CODED)	PERFORM SITE *
200190	5/4/2009		PROGESTERONE, S			NEL
			TRANSPORT TEMP : REFRIG\FROZEN OK\AMBIENT <8 HOURS OK			
			11017	PROGESTERONE, S		
			POSSIBLE RESULT VALUES INCLUDE : <0.15			
			UNITS: NG/ML			
			NO SEX			
			No AGE	:		; #N8141N0Y
			1D TO 23M	:		; #N8141N23MO
			24M TO 9Y	:		; #N8141N9Y
			10Y TO 17Y	:		; #N8141N17Y
			18Y TO 150Y	:		; #N8141N150Y
			MALE			
			No AGE	:		; #N8141M0Y
			1D TO 23M	:		; #N8141M23MO
			24M TO 9Y	:	0.00-0.14	; <0.15
			10Y TO 17Y	:		; #N8141M17Y
			18Y TO 150Y	:	0.20-1.40	; 0.20-1.40
			FEMALE			
			No AGE	:		; #N8141F0Y
			1D TO 23M	:		; #N8141C23MB
			24M TO 9Y	:	0.20-0.24	; 0.20-0.24
			10Y TO 17Y	:		; #N8141F17Y
			18Y TO 150Y	:		; #N8141F150Y

\*PERFORMING SITE LEGEND

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

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

MML MESSAGES USED AS NORMALS

CODE TEXT

N8141C23MB 569-1107 (CORD BLOOD)  
0.87-3.37 (0-23 MO)

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N8141F0Y 569-1107 (CORD BLOOD)  
0.87-3.37 (0-23 MO)  
0.20-0.24 (2-9 Y)  
VALUES INCREASE THROUGH PUBERTY AND  
ADOLESCENCE. (10-17 Y)  
PREMENOPAUSAL  
0.20-1.50 FOLLICULAR PHASE  
0.80-3.00 OVULATION PHASE  
1.70-27.00 LUTEAL PHASE  
POSTMENOPAUSAL  
<0.15-0.80

-----  
N8141F150Y PREMENOPAUSAL  
0.20-1.50 FOLLICULAR PHASE  
0.80-3.00 OVULATION PHASE  
1.70-27.00 LUTEAL PHASE  
POSTMENOPAUSAL  
<0.15-0.80

-----  
N8141F17Y VALUES INCREASE THROUGH THROUGH PUBERTY AND  
ADOLESCENCE. (10-17 Y)

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N8141M0Y 567-1107 (CORD BLOOD)  
0.87-3.37 (0-23 MO)  
0.20-0.24 (2-9 Y)  
ADULT LEVELS ARE ATTAINED BY  
PUBERTY. (10-17 Y)  
0.20-1.40 (>=18 Y)

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N8141M17Y ADULT LEVELS ARE ATTAINED BY  
PUBERTY. (10-17 Y)

-----  
CODE TEXT  
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N8141M23MO 569-1107 (CORD BLOOD)  
0.87-3.37 (0-23 MO)

-----  
N8141N0Y MALES:  
569-1107 (CORD BLOOD)  
0.87-3.37 (0-23 MO)  
<0.15 (2-9 Y)  
ADULT LEVELS ARE ATTAINED BY  
PUBERTY. (10-17 Y)  
0.20-1.40 (>=18 Y)  
FEMALES:  
569-1107 (CORD BLOOD)

0.87-3.37 (0-23 MO)  
0.20-0.24 (2-9 Y)  
VALUES INCREASE THROUGH PUBERTY AND  
ADOLESCENCE. (10-17 Y)  
PREMENOPAUSAL  
0.20-1.50 FOLLICULAR PHASE  
0.80-3.00 OVULATION PHASE  
1.70-27.00 LUTEAL PHASE  
POSTMENOPAUSAL  
<0.15-0.80

-----  
N8141N150Y MALES:  
0.20-1.40 (>=18 Y)

FEMALES:  
PREMENOPAUSAL  
0.20-1.50 FOLLICULAR PHASE  
0.80-3.00 OVULATION PHASE  
1.70-27.00 LUTEAL PHASE  
POSTMENOPAUSAL  
<0.15-0.80

-----  
N8141N17Y MALES:  
ADULT LEVELS ARE ATTAINED BY  
PUBERTY. (10-17 Y)

FEMALES:  
VALUES INCREASE THROUGH THROUGH PUBERTY AND  
ADOLESCENCE. (10-17 Y)

-----  
N8141N23MO MALES:  
569-1107 (CORD BLOOD)  
0.87-3.37 (0-23 MO)

FEMALES:  
569-1107 (CORD BLOOD)  
0.87-3.37 (0-23 MO)

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N8141N9Y MALES:  
<0.15 (2-9 Y)

FEMALES:  
0.20-0.24 (2-9 Y)

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TOTAL OF 12 NORMALS CODES

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



## LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME TESTING, 200190		PATIENT NUMBER		AGE 30	SEX F	ACCESSION # G9127211
ORDERING PHYSICIAN		CLIENT ORDER #				ACCOUNT # LIAISONS
COLLECTION 05/18/09 12:13 P	RECEIVED 05/18/09 12:13 P	REPORT PRINTED 05/18/09 02:32 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 *
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**Progesterone, S**

<b>Progesterone, S</b>	<b>1.00</b>	<b>ng/mL</b>	<b>NEL</b>
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-- EXPECTED VALUES --

Premenopausal

0.20-1.50 Follicular phase

0.80-3.00 Ovulation phase

1.70-27.00 Luteal phase

Postmenopausal

&lt;0.15-0.80

## \* 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, 200190	ORDER STATUS Final	COLLECTION DATE AND TIME 05/18/09 12:13 P
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Specimen receipt and report times are in CST/CDT

REPRINT

Page 1 of 1