

**PROGESTERONE, SERUM
#8141**

EXPLANATION: Mayo Medical Laboratories will be changing methodology for Progesterone, Serum, test code #8141. 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: 0.2-1.4 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: 0.2-1.5 ng/mL
Ovulation phase: 0.8-3.0
Luteal phase: 1.7-27 ng/mL
Postmenopausal: < 0.15-0.8 ng/mL

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager
Greg Renkly, Mayo Medical Laboratories' Technical Support
Telephone: 800-533-1710



MAYO CLINIC
 Mayo Medical Laboratories

TEST DEFINITION

5/14/2009

MML NAME/ORDER CODE CROSS-REFERENCE

CODE NAME

 8141 PROGESTERONE, S

MML MML TEST SETUP INFORMATION

ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PRINT NORMALS (# CODED)	PERFORM SITE *
8141	5/5/2009		PROGESTERONE, S			SDL
			TRANSPORT TEMP : REFRIG\FROZEN OK\AMBIENT <8 HOURS OK			
			8141	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

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SDL      MAYO CLINIC DPT OF LAB MED & PATHOLOGY      LAB DIRECTOR:  FRANKLIN R. COCKERILL, III, M.D.
SUPERIOR DR.
3050 SUPERIOR DR. NW
ROCHESTER, MN 55901
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CODE	TEXT
N8141C23MB	569-1107 (CORD BLOOD) 0.87-3.37 (0-23 MO)
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)
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)
N8141M17Y	ADULT LEVELS ARE ATTAINED BY PUBERTY. (10-17 Y)
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)

N8141N9Y MALES:
<0.15 (2-9 Y)
FEMALES:
0.20-0.24 (2-9 Y)

TOTAL OF 12 NORMALS CODES

*** END OF REPORT ***



LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME TESTING, 8141		PATIENT NUMBER		AGE 30	SEX M	ACCESSION # G9127063
ORDERING PHYSICIAN		CLIENT ORDER #				ACCOUNT # LIAISONS
COLLECTION 05/14/09 12:14 P	RECEIVED 05/14/09 12:14 P	REPORT PRINTED 05/14/09 01:55 P		SPECIMEN INFORMATION DATE OF BIRTH:		
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 *
Progesterone, S Progesterone, S	1.00	ng/mL 0.20-1.40	SDL

* PERFORMING SITE

SDL Mayo Clinic Dpt of Lab Med & Pathology Superior Dr 3050 Superior Dr. NW Rochester, MN 55901	Lab Director: Franklin R. Cockerill, III, M.D.
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PATIENT NAME TESTING, 8141	ORDER STATUS Final	COLLECTION DATE AND TIME 05/14/09 12:14 P
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Specimen receipt and report times are in CST/CDT

REPRINT

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