

Pregnenolone, Serum
#88645

USEFUL FOR:

- As an ancillary test for congenital adrenal hyperplasia, particularly in situations in which a diagnosis of 21-hydroxylase and 11-hydroxylase deficiency have been ruled out.
- Confirming a diagnosis of 3-b-hydroxydehydrogenase (3-b-HSD) deficiency and 17-alpha-hydroxylase deficiency.

METHODOLOGY: Liquid Chromatography- Tandem Mass Spectrometry (LC-MS/MS)

REFERENCE VALUES:

	Females	Males
7-9 years	< or = 150 ng/dL	< or = 205 ng/dL
10-12 years	19-220 ng/dL	< or = 151 ng/dL
13-15 years	22-210 ng/dL	18-197 ng/dL
16-17 years	22-229 ng/dL	17-228 ng/dL
Tanner Stage I	< or = 171 ng/dL	< or = 156 ng/dL
Tanner Stage II	22-229 ng/dL	< or = 143 ng/dL
Tanner Stage III	34-215 ng/dL	< or = 214 ng/dL
Tanner Stage IV-V	26-235 ng/dL	19-201 ng/dL
> or = 18 years	33-248 ng/dL	33-248 ng/dL

SPECIMEN REQUIREMENTS: Draw blood in plain, red-top tube. Send 0.5 mL serum frozen.

NOTE: This test will replace Esoterix test #91785, Pregnenolone, and also Quest test #90189, Pregnenolone effective December 8, 2009.

CPT CODE: 84140

ANALYTIC TIME: 2 days

LIST FEE: \$98.50

SET UP: Wednesday 10 a.m.

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



MAYO CLINIC
 Mayo Medical Laboratories

TEST DEFINITION

10/19/2009

ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PRINT NORMALS (# CODED)	PERFORM SITE *
88645	8/19/2009		PREGNENOLONE, S			MCR
			TRANSPORT TEMP : FROZEN			
		88645	PREGNENOLONE, S			
			UNITS: NG/DL			
			MALE			
			No AGE :		; #N88645M	
			1D TO 6Y :		; #N88645M6	
			7Y TO 9Y : 0-205		; #N88645M9	
			10Y TO 12Y : 0-151		; #N88645M12	
			13Y TO 15Y : 18-197		; #N88645M15	
			16Y TO 17Y : 17-228		; #N88645M17	
			18Y TO 150Y : 33-248		; 33-248	
			FEMALE			
			No AGE :		; #N88645F	
			1D TO 6Y :		; #N88645F6	
			7Y TO 9Y : 0-150		; #N88645F9	
			10Y TO 12Y : 19-220		; #N88645F12	
			13Y TO 15Y : 22-210		; #N88645F15	
			16Y TO 17Y : 22-229		; #N88645F17	
			18Y TO 150Y : 33-248		; 33-248	

*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
 =====

*** END OF REPORT ***

CODE TEXT

N88645F NOT ESTABLISHED (<=6 Y)
 <16-150 (7-9 Y)
 19-220 (10-12 Y)
 22-210 (13-15 Y)
 22-229 (16-17 Y)
 33-248 (>=18 Y)

TANNER STAGES: FEMALES

I <16-171
II 22-229
III 34-215
IV-V 26-235

N88645F12 19-220

TANNER STAGES: FEMALES

I <16-171
II 22-229
III 34-215
IV-V 26-235

N88645F15 22-210

TANNER STAGES: FEMALES

I <16-171
II 22-229
III 34-215
IV-V 26-235

N88645F17 22-229

TANNER STAGES: FEMALES

I <16-171
II 22-229
III 34-215
IV-V 26-235

CODE TEXT

N88645F6 <16-150 (7-9 Y)

TANNER STAGES: FEMALES

I <16-171
II 22-229
III 34-215

IV-V 26-235

N88645F9

<16-150

TANNER STAGES: FEMALES

I <16-171
II 22-229
III 34-215
IV-V 26-235

N88645M

NOT ESTABLISHED (<=6 Y)
<16-205 (7-9 Y)
<16-151 (10-12 Y)
18-197 (13-15 Y)
17-228 (16-17 Y)
33-248 (>=18 Y)

TANNER STAGES: MALES

I <16-156
II <16-143
III <16-214
IV-V 19-201

N88645M12

<16-151

TANNER STAGES: MALES

I <16-156
II <16-143
III <16-214
IV-V 19-201

N88645M15

18-197

TANNER STAGES: MALES

I <16-156
II <16-143
III <16-214
IV-V 19-201

N88645M17

17-228

TANNER STAGES: MALES

I <16-156
II <16-143
III <16-214
IV-V 19-201

CODE

TEXT

N88645M6

<16-205 (7-9 Y)

TANNER STAGES: MALES

I <16-156
II <16-143
III <16-214
IV-V 19-201

N88645M9 <16-205

TANNER STAGES: MALES

I <16-156
II <16-143
III <16-214
IV-V 19-201

TOTAL OF 12 NORMALS CODES

*** END OF REPORT ***

1-800-533-1710

PATIENT NAME TESTING, EMIR IS		PATIENT NUMBER		AGE 40	SEX M	ACCESSION # G9137264
ORDERING PHYSICIAN		CLIENT ORDER #				ACCOUNT # LIAISONS
COLLECTION 10/13/09 09:05 A	RECEIVED 10/13/09 09:05 A	REPORT PRINTED 10/19/09 10:41 A		SPECIMEN INFORMATION DATE OF BIRTH:		
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 *
Pregnenolone, S Pregnenolone, S		158	ng/dL 33-248	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, EMIR IS	ORDER STATUS Final	COLLECTION DATE AND TIME 10/13/09 09:05 A
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