

## REFERRAL TEST UPDATE

**NOTIFICATION DATE:** January 20, 2011 **EFFECTIVE DATE:** Immediately

## CAH PEDIATRIC PROFILE 5 #91165

**EXPLANATION OF CHANGE:** The following changes to Unit Code 91196, referred to Esoterix Endocrinology were effective December 13, 2010. Upon receipt of sample reports from Esoterix we have modified the Testosterone Total component of this test as follows:

Cuppeng	Tastastarona Corum	(Total)	Uniter ng/dI		
CURRENT	Testosterone, Serum	(10tai)	Units: ng/dL		
REFERENCE	Age Males		Range		
RANGE					
	Premature (26 - 28w) Day 4 59 - 125				
	Premature (31 - 35w) Day 4 37 - 198				
	Newborns		75 - 400		
	1 - 7m: Levels decrease rapidly the first week to 20 - 50, then increase to 60 -				
	400 between 20 - 60 days. Levels then decline to prepubertal range levels of <3 -				
	10 by seven months.				
	Tanner Stage	Age (years)	Range (ng/dL)		
	1	< 9.8	<3 - 10		
	2	9.8 - 14.5	18 - 150		
	3	10.7 - 15.4	100 - 320		
	4	11.8 - 16.2	200 - 620		
	5	12.8 - 17.3	350 - 970		
	Adult Males	20 - 50	350 - 1030		
	Females				
	Premature (26 - 28w) Day 4 5 - 16				
	Premature (31 - 35w) Day 4 5 - 22				
	Newborns 20 - 64				
	1 - 7m: Levels decrease during the first month to less than 10 and remain there				
	until puberty.				
	Tanner Stage	Age (years)	Range (ng/dL)		
	1	< 9.2	< 3 - 10		
	2	9.2 - 13.7	7 - 28		
	3	10.0 - 14.4	15 - 35		
	4	10.7 - 15.6	13 - 32		
	5	11.8 - 18.6	20 - 38		
	Adult Females	20 - 50			
	Premenopausal		10 - 55		
	Postmenopausal		7 - 40		

New	Testosterone, Seru	m (Total)	Units: ng/dL			
REFERENCE	Age	2	Range			
RANGE	Males					
	Premature (26 - 28w) Day 4 59 - 125					
	Premature (31 - 35w) Day 4 37 - 198					
	Newborns		75 - 400			
	1 - 7m: Levels decrease rapidly the first week to $20$ - $50$ , then increase to $60$ - $400$ between $20$ - $60$ days. Levels then decline to prepubertal range levels of $<2.5$ - $10$ by seven months.					
	Adult Males >18 years 350 - 1030					
	Tanner Stage	Age (years)	Range (ng/dL)			
	1	< 9.8	<2.5 - 10			
	2	9.8 - 14.5	18 - 150			
	3	10.7 - 15.4	100 - 320			
	4	11.8 - 16.2	200 - 620			
	5	12.8 - 17.3	350 - 970			
	Females					
	Premature (26 - 28w) Day 4 5 - 16					
	Premature (31 - 35w) Day 4 5 - 22					
	Newborns 20 - 64					
	1 - 7m: Levels decrease during the first month to less than 10 and remain there until puberty.					
	Tanner Stage	Age (years)	Range (ng/dL)			
	1	< 9.2	<2.5 - 10			
	2	9.2 - 13.7	7 - 28			
	3	10.0 - 14.4				
	4	10.7 - 15.6				
	5	11.8 - 18.6	20 - 38			
	Adult Females					
	Premenopa	usal	10 - 55			
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**NOTE:** Tanner Stages have also been added to Reference Ranges where appropriate. See test setup for additional Tanner Stage information.

7 - 40

Postmenopausal

QUESTIONS: Contact Mayo Medical Laboratories Telephone: 800-533-1710