

REFERENCE VALUE CHANGE REFERRAL

NOTIFICATION DATE: August 5, 2011 **EFFECTIVE DATE:** Immediately

CAH PEDIATRIC PROFILE 4 #91195

EXPLANATION OF CHANGE: The following changes to Unit Code 91195, referred to Esoterix Endocrinology are effective immediately. Upon receipt of sample reports from Esoterix we have modified the DHEA and 17-Alpha-Hydroxyprogesterone components of this test.

New	Dehydroepiandrosterone (DHEA), Serum					
REFERENCE	Units: ng/dL					
RANGE	Age	Range				
	1-5 yrs	<68				
	6-7 yrs	<111				
	8-10 yrs	<186				
	11-12 yrs	<202				
	13-14 yrs	<319				
	15-16 yrs	39-481				
	17-19 yrs	40-491				
	20-49 yrs	31-701				
	>=50 yrs	21-402				
New	17-Alpha-Hydroxyprogesterone, Serum					
REFERENCE	Units: ng/dL					
RANGE	Age		Range			
	Premature (26-28w)	Day 4	124 - 841			
	Premature (31-35w) Day 4		26 - 568			
	Full-Term Day 3		<78			
	Males: Levels increase after the first week to peak values ranging from 40 - 200 between 30 and 60 days. Values then decline to a prepubertal value of <91 before one year.					
	Prepubertal		<91			
	Adult Males		27 - 199			
	Females					
	1 - 11m		13 - 106			
	Prepubertal		<91			
	Adult Females					
	Follicular		15 - 70			
	Luteal		35 - 290			

17-Alpha-Hydro	xyprogesterone	Serum (Continued)	
Females			
Tanner Stages	Age (years)	Range (ng/dL)	
1	<9.2	<83	
2	9.2-13.7	11-98	
3	10.0-14.4	11-155	
4	10.7-15.6	18-230	
5	11.8-18.6	20-265	
Males			
Tanner Stages	Age (years)	Range (ng/dL)	
1	<9.8	<91	
2	9.8-14.5	<116	
3	10.7-15.4	10-138	
4	11.8-16.2	29-180	
5	12.8-17.3	24-175	

NOTE: This change may impact test set-up information and could require a change to file definition. Please review the Test Set-Up information for specifics.

QUESTIONS: Contact Mary Erath, MML Laboratory Technologist Resource Coordinator Telephone: 800-533-1710