

1-800-533-1710

<b>PATIENT NAME</b> TESTING, 91196		<b>PATIENT NUMBER</b> L3MRNG9170440		<b>AGE</b> 32	<b>SEX</b> M	<b>ACCESSION #</b> G9170440
<b>ORDERING PHYSICIAN</b>			<b>CLIENT ORDER #</b>		<b>ACCOUNT #</b> LIAISONS	
<b>COLLECTION</b> 10/07/11 09:53 A	<b>RECEIVED</b> 10/07/11 09:53 A	<b>REPORT PRINTED</b> 10/07/11 11:51 A		<b>SPECIMEN INFORMATION</b> DATE OF BIRTH:		
<b>DATE</b>	<b>TIME</b>	<b>DATE</b>	<b>TIME</b>			
Test Client Attn: Mayo Liaisons 200 First Street SW Rochester, MN 55905 507-284-8202						

<b>TEST REQUESTED</b>	<b>HI</b>	<b>LO</b>	<b>REF RANGE</b>	<b>PERFORM SITE *</b>
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**CAH Profile 6**
**REPORTED: 10/07/11 09:54 A**

<b>Androstenedione</b>	<b>1</b>	<b>ng/dL</b>	<b>REF</b>
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-- EXPECTED VALUES --

<b>Age</b>	<b>Range</b>	
Premature (26-28w) Day 4	63-935	
Premature (31-35w) Day 4	50-449	
Full Term (1-7 days)	<10-279	
Levels decrease rapidly to <52 ng/dL after one week.		
1 - 11m	<10-37	
Androstenedione gradually decreases during the first six months to prepubertal levels.		
Prepubertal Children	<10-17	
<b>Tanner Stages</b>	<b>Age (years)</b>	<b>Range</b>
1	<9.8	<10-17
2	9.8-14.5	<10-33
3	10.7-15.4	17-72
4	11.8-16.2	15-115
5	12.8-17.3	33-192
Adult Males		44-186

<b>Cortisol</b>	<b>2</b>	<b>ug/dL</b>	<b>REF</b>
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-- EXPECTED VALUES --

<b>Age</b>	<b>Range</b>
Premature (26-28w) Day 4	1.0-11
Premature (31-35w) Day 4	2.5-9.1
Full Term Day 3	1.7-14
Full Term Day 7	2.0-11
31d - 11m	2.8-23
12m - 15y (8:00 AM)	3.0-21
Adults	

\* Perform Site Legend on last page of report

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TEST REQUESTED	HI	LO	REF RANGE	PERFORM SITE *
8:00 AM	8.0-19			
4:00 PM	4.0-11			
Deoxycorticosterone (DOC)	1		ng/dL	REF
-- EXPECTED VALUES --				
Age	Range			
Premature (26-28w) Day 4	20-105			
Premature (34-36w) Day 4	28-78			
Newborn: Levels are markedly elevated at birth and decrease rapidly during the first week to the range of 7 - 49 as found in older infants.				
1 - 11m	7 - 49			
Prepubertal Children	2 - 34			
Pubertal Children and Adults 8:00 AM	2 - 19			
Dehydroepiandrosterone (DHEA)	2		ng/dL	REF
-- EXPECTED VALUES --				
Age	Range			
1 - 5y:	<68			
6 - 7y:	<111			
8 - 10y:	<186			
11 - 12y:	<202			
13 - 14y:	<319			
15 - 16y:	39 - 481			
17 - 19y:	40 - 491			
20 - 49y:	31 - 701			
> or = 50y:	21 - 402			
11-Desoxycortisol	1		ng/dL	REF
-- EXPECTED VALUES --				

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TEST REQUESTED	HI	LO	REF RANGE	PERFORM SITE *
<b>Age Range</b>				
Premature (26-28w) Day 4	110	1376		
Premature (31-35w) Day 4	48	579		
Newborn Day 3	13	147		
1 - 11m	<10	156		
Prepubertal 8:00 AM	20	155		
Pubertal Children and Adults 8:00 AM	12	158		
17-OH Pregnenolone	2		ng/dL	REF
-- EXPECTED VALUES --				
<b>Age Range</b>				
Premature (26-28w) Day 4	375	3559		
Premature (31-35w) Day 4	64	2380		
3 Days	10	829		
1 - 5m	36	763		
6 - 11m	42	540		
12 - 23m	14	207		
24m - 5y	10	103		
6 - 9y	10	186		
Pubertal	44	235		
Adults	53	357		
Progesterone	1		ng/dL	REF
-- EXPECTED VALUES --				
<b>Males</b>				
<b>Age Range</b>				
1 - 16y	<10	15		
Adults	<10	11		
17-Alpha-Hydroxyprogesterone	2		ng/dL	REF
-- EXPECTED VALUES --				
<b>Age Range</b>				
Premature (26-28w) Day 4	124	841		

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TEST REQUESTED	HI	LO	REF RANGE	PERFORM SITE *
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			
Tanner Stages	Age (years)	Range		
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		
Adult Males		27-199		
Testosterone, Serum (Total)	1		ng/dL	REF
-- EXPECTED VALUES --				
	Age	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.				
Prepubertal Males:		<2.5-10		
Tanner Stage	Age (years)	Range		

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TEST REQUESTED	HI	LO	REF RANGE	PERFORM SITE *
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		
Adult Males	>18 years	348-1197		
Test Performed by: Esoterix Endocrinology 4301 Lost Hills Road Calabasas Hills, CA 91301				

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