MAYO CLINIC
Mayo Medical Laboratories

LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME	PATIENT NUMBER	AGE	SEX	ACCESSION #
TESTING, 91196	L3MRNW4124800	43		W4124800

ORDERING PHYSICIAN	CLIENT ORDER #	ACCOUNT #
		LIAISONS

COLLECTION DATE TIME	RECEIVED DATE TIME	REPORT PRINTED DATE TIME	SPECIMEN INFORMATION
08/05/11 12:24 P	08/05/11 12:24 P	08/05/11 01:37 P	DATE OF BIRTH: 7/4/1968

Test Client
Attn: Mayo Liaisons
200 First Street SW
Rochester, MN 55905
507-284-8202

TEST REQUESTED	HI LO		REF RANGE	PERFORM SITE *
CAH Profile 6				**REPORTED: 08/05/11 12:42 P**
Cortisol	**19**	**ug/dL**		**REF**

```
-- EXPECTED VALUES --
    Age                        Range
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
  8:00 AM                  8.0-19
  4:00 PM                  4.0-11
```

Deoxycorticosterone (DOC)	**15**	**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)	**700**	**ng/dL**		**REF**

```
-- EXPECTED VALUES --
```

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TESTING, 91196	Final	08/05/11 12:24 P

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TEST REQUESTED	HI LO		REF RANGE	PERFORM SITE *
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	150	ng/dL		REF
-- EXPECTED VALUES --				
Age	Range			
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	351	ng/dL		REF
-- EXPECTED VALUES --				
Age	Range			
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			

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TEST REQUESTED	HI LO		REF RANGE	PERFORM SITE *
Adults	53- 357			
Progesterone	**11**	**ng/dL**		**REF**

```
-- EXPECTED VALUES --
Males:
   Age        Range
1 - 16y     <10 - 15
Adults      <10 - 11
Females:
   Age        Range
1 - 10y     <10 -   26
  11y       <10 -  255
  12y       <10 -  856
  13y       <10 -  693
  14y       <10 - 1204
  15y       <10 - 1076
  16y       <10 - 1294
Adult
Cycle Days      Range
   1 -  6    <10 -   17
   7 - 12    <10 -  135
  13 - 15    <10 - 1563
  16 - 28    <10 - 2555
Post Menopausal  <10
Note: Luteal progesterone peaked
from 350 to 3750 ng/dL on days
ranging from 17 to 23.
```

17-Alpha-Hydroxyprogesterone	**100**	**ng/dL**		**REF**

```
-- EXPECTED VALUES --
Male/Female
   Age                      Range
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.				
Male Prepubertal		<91		
Male				
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		
Females				
1 - 11m		13-106		
Prepubertal		<91		
Female				
Tanner Stages	Age(years)	Range		
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		
Adult Females				
Follicular		15- 70		
Luteal		35-290		
Androstenedione		**186**	**ng/dL**	**REF**
-- EXPECTED VALUES --				

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TEST REQUESTED	HI LO		REF RANGE	PERFORM SITE *
Male/Female:				
Age			Range	
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	
Adult Males			44-186	
Adult Females			28-230	
Females Postmenopausal			<10-93	
Females				
Tanner Stages	Age(years)		Range	
1	<9.2		<10-17	
2	9.2-13.7		<10-72	
3	10.0-14.4		50-170	
4	10.7-15.6		47-208	
5	11.8-18.6		50-224	
Males				
Tanner Stages	Age(years)		Range	
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	
Testosterone, Serum (Total)	**100**	**ng/dL**		**REF**
-- EXPECTED VALUES --				

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TEST REQUESTED	HI LO	REF RANGE	PERFORM SITE *

```
            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
    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    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.
Prepubertal Females:        <2.5-10
Tanner Stage   Age(years)    Range
    1           <9.2        <2.5-10
    2          9.2-13.7        7-28
    3         10.0-14.4       15-35
    4         10.7-15.6       13-32
```

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TEST REQUESTED	HI LO	REF RANGE	PERFORM SITE *
5	11.8-18.6	20-38	
Adult Females-			
Premenopausal		10-55	
Postmenopausal		7-40	

Test Performed by:Esoterix Endocrinology
4301 Lost Hills Road
Calabasas Hills, CA 91301

* PERFORMING SITE

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