MAYO CLINIC
Mayo Medical Laboratories

LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME	PATIENT NUMBER	AGE	SEX	ACCESSION #
TESTING, 91275	L3MRNW4029276	35		W4029276

ORDERING PHYSICIAN	CLIENT ORDER #	ACCOUNT #
		LIAISONS

COLLECTION DATE TIME	RECEIVED DATE TIME	REPORT PRINTED DATE TIME	SPECIMEN INFORMATION
01/20/11 11:35 A	01/20/11 11:38 A	01/20/11 12:59 P	DATE OF BIRTH:

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 1				
Cortisol	**15**	**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
```

Dehydroepiandrosterone (DHEA)	**800**	**ng/dL**		**REF**

```
-- EXPECTED VALUES --
        Age                    Range
Premature (26-28w) Day 4      236-3640
Premature (31-35w) Day 4       80-3150
Full-term Day 3                65-1250
8 - 30d                        50- 760
31d - 5m                       26- 385
6 - 11m                        20- 100
12m - 5y                       20- 130
6 - 7y                         20- 275
Prepubertal                    31- 345
Adults                        160- 800
Values begin to increase
progressively at about six years
of age, prior to any physical
evidence of puberty.
```

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```
Females
Tanner Stages   Age(years) Range
     1          <9.2       31-345
     2         9.2-13.7   150-570
     3         10.0-14.4  200-600
     4         10.7-15.6  200-780
     5         11.8-18.6  215-850
Males
Tanner Stages   Age(years) Range
     1         <9.8       31-345
     2         9.8-14.5  110-495
     3        10.7-15.4  170-585
     4        11.8-16.2  160-640
     5        12.8-17.3  250-900
```

17-Alpha-Hydroxyprogesterone	190	ng/dL		REF

```
-- EXPECTED VALUES --
Male/Female
   Age                        Range
Premature (26-28w) Day 4    124-841
Premature (31-35w) Day 4     26-568
Full term Day 3               7- 77
Males:  Levels increase after the
first week to peak values ranging
from 40-200 between 30 and 60
days.  Values then decline to the
prepubertal range of 3-90 before
one year.
Male Prepubertal            3- 90
Male
Tanner Stages   Age(years) Range
    1           <9.8       3-90
```

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2	9.8-14.5	5-115		
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		3- 90		
Female				
Tanner Stages	Age(years)	Range		
1	<9.2	3-82		
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 --				
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		

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```
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)	**970**	**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
```

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```
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
    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
```

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