MAYO CLINIC
Mayo Medical Laboratories

LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME	PATIENT NUMBER	AGE	SEX	ACCESSION #
TESTING, 91198	L3MRNW4124801	59		W4124801

ORDERING PHYSICIAN	CLIENT ORDER #	ACCOUNT #
		LIAISONS

COLLECTION DATE TIME	RECEIVED DATE TIME	REPORT PRINTED DATE TIME	SPECIMEN INFORMATION
08/05/11 12:25 P	08/05/11 12:25 P	08/05/11 01:42 P	DATE OF BIRTH: 7/23/1952

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

TEST REQUESTED	HI LO		REF RANGE	PERFORM SITE *
Premature Adrenarche Profile 2				**REPORTED: 08/05/11 12:41 P**
Dehydroepiandrosterone (DHEA)	**400**	**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
```

17-OH Pregnenolone	**357**	**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
Adults                      53- 357
```

17-Alpha-Hydroxyprogesterone	**290**	**ng/dL**		**REF**

```
-- EXPECTED VALUES --
Male/Female
```

** Perform Site Legend on last page of report*

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TEST REQUESTED	HI LO	REF RANGE	PERFORM SITE *

```
   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.
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
```

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TEST REQUESTED	HI LO		REF RANGE	PERFORM SITE *
Androstenedione	**230**	**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
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
```

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TEST REQUESTED	HI LO		REF RANGE	PERFORM SITE *
Testosterone, Serum (Total)	**38**	**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
    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
```

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TEST REQUESTED	HI LO	REF RANGE	PERFORM SITE *
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

* PERFORMING SITE

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TESTING, 91198	Final	08/05/11 12:25 P