MAYO CLINIC
Mayo Medical Laboratories

TEST DEFINITION

1/19/2011

Code	Name
91196	CAH Profile 6

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
91196	1/17/2011		CAH Profile 6			

```
                UNIT CODE ALWAYS MESSAGE - [ZENDON]
                       Test Performed by:Esoterix Endocrinology
                                          4301 Lost Hills Road
                                          Calabasas Hills, CA 91301
                Transport temp : Frozen 30 days\Refrig NO\Ambient NO
                20782    Cortisol
                            Units: ug/dL
                               NO SEX
                            All Ages :                              ; #N20782
                               MALE
                            All Ages :                              ; #N20782
                               FEMALE
                            All Ages :                              ; #N20782
                       -  -  -  -  -
                20843    Deoxycorticosterone (DOC)
                            Units: ng/dL
                               NO SEX
                            All Ages :                              ; #N20843
                               MALE
                            All Ages :                              ; #N20843
                               FEMALE
                            All Ages :                              ; #N20843
                       -  -  -  -  -
                20787    Dehydroepiandrosterone (DHEA)
                            Units: ng/dL
                               NO SEX
                            All Ages :                              ; #N20787
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(continued next page)

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  ORDER      EFF                                                                    Perform
  CODE       DATE   TC     TITLE          Checking Normals              Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------              -----------------------  -------
91196  (continued)
                    20787    Dehydroepiandrosterone (DHEA)  (continued)
                                  MALE
                               All Ages :                                ; #N20787M
                                  FEMALE
                               All Ages :                                ; #N20787F
                          -  -  -  -  -
                    20844    11-Desoxycortisol
                               Units: ng/dL
                                  NO SEX
                               All Ages :                                ; #N20844
                                  MALE
                               All Ages :                                ; #N20844
                                  FEMALE
                               All Ages :                                ; #N20844
                          -  -  -  -  -
                    20784    17-OH Pregnenolone
                               Units: ng/dL
                                  NO SEX
                               All Ages :                                ; #N20784NE
                                  MALE
                               All Ages :                                ; #N20784NE
                                  FEMALE
                               All Ages :                                ; #N20784NE
                          -  -  -  -  -
                    20786    Progesterone
                               Units: ng/dL
                                  NO SEX
                               All Ages :                                ; #N20786N
                                  MALE
                               All Ages :                                ; #N20786M
                                  FEMALE
                               All Ages :                                ; #N20786F
                          -  -  -  -  -
                    20785    17-Alpha-Hydroxyprogesterone
                               Units: ng/dL
                                  NO SEX
                               All Ages :                                ; #N20785
                                  MALE
                               All Ages :                                ; #N20785M
                                  FEMALE
                               All Ages :                                ; #N20785F
                          -  -  -  -  -
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                    20788    Androstenedione
                                Units: ng/dL
                                   NO SEX
                                All Ages :                                ; #N20788NE
                                   MALE
                                All Ages :                                ; #N20788M
                                   FEMALE
                                All Ages :                                ; #N20788F
                             -  -  -  -  -


  ORDER      EFF                                                                    Perform
  CODE       DATE   TC     TITLE          Checking Normals              Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------              -----------------------  -------
91196  (continued)
                    20783    Testosterone, Serum (Total)
                                Units: ng/dL
                                   NO SEX
                                All Ages :                                ; #N91573C
                                   MALE
                                All Ages :                                ; #N91573M
                                   FEMALE
                                All Ages :                                ; #N91573F
                             -  -  -  -  -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -

*Performing Site Legend
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CODE         TEXT
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N20782           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
--------
N20784NE           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

CODE	TEXT
N20785	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
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
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CODE        TEXT
-----       ------------------
N20785F        Age                      Range

            Premature (26-28w) Day 4  124-841
            Premature (31-35w) Day 4   26-568
            Full term Day 3             7- 77

            1 - 11m                   113-106
            Prepubertal                 3- 90

            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
--------
N20785M        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.

            Prepubertal                 3- 90

            Tanner Stages   Age(years) Range
                1           <9.8        3- 90
                2           9.8-14.5    5-115
                3          10.7-15.4   10-138
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                4          11.8-16.2   29-180
                5          12.8-17.3   24-175
            Adult Males                27-199
--------


CODE        TEXT
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N20786F     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.
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N20786M     Males:
               Age        Range
            1 - 16y     <10 - 15

            Adults      <10 - 11
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CODE        TEXT
-----       ------------------
N20786N     Males:
               Age        Range
            1 - 16y     <10 - 15
            Adults      <10 - 11

            Females:
               Age        Range
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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.

CODE

N20787

TEXT

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.

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

CODE TEXT

N20787F

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.

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

N20787M

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.

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

CODE	TEXT	
N20788F	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

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

Adult Females	28-230
Females Postmenopausal	<10-93

N20788M

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

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
Adult Males		44-186

CODE	TEXT
N20788NE	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

CODE TEXT

N20843

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

N20844

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

CODE	TEXT
N91573C	

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

5	11.8-18.6	20-38

Adult Females-

Premenopausal	10-55
Postmenopausal	7-40

CODE	TEXT
N91573F	

Age	Range
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

N91573M

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

Total of 19 normals codes

*** End of Report ***