MAYO CLINIC
Mayo Medical Laboratories

TEST DEFINITION

1/19/2011

Code	Name
91198	Premature Adrenarche Profile 2

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  ORDER      EFF                                                                          Perform
  CODE       DATE   TC     TITLE          Checking Normals              Print normals (# coded)  Site *
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   91198     1/19/2011     Premature Adrenarche Profile 2
                   UNIT CODE ALWAYS MESSAGE - [ZENDON]
                          Test Performed by:Esoterix Endocrinology
                                            4301 Lost Hills Road
                                            Calabasas Hills, CA 91301
                   Transport temp : Frozen\Refrig NO\Ambient NO
                   20787    Dehydroepiandrosterone (DHEA)
                               Units: ng/dL
                                  NO SEX
                               All Ages :                                ; #N20787
                                  MALE
                               All Ages :                                ; #N20787M
                                  FEMALE
                               All Ages :                                ; #N20787F
                          -  -  -  -  -
                   20784    17-OH Pregnenolone
                               Units: ng/dL
                                  NO SEX
                               All Ages :                                ; #N20784NE
                                  MALE
                               All Ages :                                ; #N20784NE
                                  FEMALE
                               All Ages :                                ; #N20784NE
                          -  -  -  -  -
                   20785    17-Alpha-Hydroxyprogesterone
                               Units: ng/dL
                                  NO SEX
                               All Ages :                                ; #N20785
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(continued next page)

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  ORDER      EFF                                                                                  Perform
  CODE       DATE   TC     TITLE          Checking Normals              Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------              ----------------------   -------
91198  (continued)
                    20785    17-Alpha-Hydroxyprogesterone  (continued)
                                  MALE
                               All Ages :                                ; #N20785M
                                  FEMALE
                               All Ages :                                ; #N20785F
                            -  -  -  -  -
                    20788    Androstenedione
                               Units: ng/dL
                                  NO SEX
                               All Ages :                                ; #N20788NE
                                  MALE
                               All Ages :                                ; #N20788M
                                  FEMALE
                               All Ages :                                ; #N20788F
                            -  -  -  -  -
                    20783    Testosterone, Serum (Total)
                               Units: ng/dL
                                  NO SEX
                               All Ages :                                ; #N91573C
                                  MALE
                               All Ages :                                ; #N91573M
                                  FEMALE
                               All Ages :                                ; #N91573F
                            -  -  -  -  -
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*Performing Site Legend
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CODE         TEXT
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CODE	TEXT
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

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

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            Adult Females
              Follicular                15- 70
              Luteal                    35-290
--------


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
N20787	

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

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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
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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

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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
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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
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 13 normals codes

*** End of Report ***