MAYO CLINIC
Mayo Medical Laboratories

TEST DEFINITION

1/20/2011

MML Name/order code cross-reference

Code	Name
91165	CAH Profile 5

MML MML Test setup information

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
91165	1/19/2011		CAH Profile 5			

```
                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
                       -  -  -  -  -
                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
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  ORDER      EFF                                                                  Perform
  CODE       DATE   TC     TITLE          Checking Normals              Print normals (# coded)  Site *
 ------      ----   ----   ----------     ----------------              -----------------------  -------
91165  (continued)
                    20784    17-OH Pregnenolone  (continued)
                                   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
                          -  -  -  -  -
                    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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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
--------
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
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              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
--------
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
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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

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.

N20786M

Males:

Age	Range
1 - 16y	<10 - 15
Adults	<10 - 11

N20786N

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.

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

N20787F

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5	12.8-17.3	250-900

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

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

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Males

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3	10.7-15.4	17-72
4	11.8-16.2	15-115
5	12.8-17.3	33-192

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

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.

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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 17 normals codes

*** End of Report ***