MAYO CLINIC
Mayo Medical Laboratories

TEST DEFINITION

8/5/2011

ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PRINT NORMALS (# CODED)	PERFORM SITE *
91165	8/5/2011		CAH PROFILE 5			

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                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 :                          ; #N20787C
                             MALE
                          ALL AGES :                          ; #N20787C
                             FEMALE
                          ALL AGES :                          ; #N20787C
                      -  -  -  -  -
                20784   17-OH PREGNENOLONE
                          UNITS: NG/DL
                             NO SEX
                          ALL AGES :                          ; #N20784NE
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ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PRINT NORMALS (# CODED)	PERFORM SITE *

91165 (CONTINUED)

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                20784   17-OH PREGNENOLONE  (CONTINUED)
                             MALE
                          ALL AGES :                          ; #N20784NE
                             FEMALE
                          ALL AGES :                          ; #N20784NE
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                    -  -  -  -  -
            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 :                          ; #N20785C
                        MALE
                      All Ages :                          ; #N20785MC
                        FEMALE
                      All Ages :                          ; #N20785FC
                    -  -  -  -  -
            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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   *** End of Report ***


CODE        TEXT
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N20782         Age                 Range
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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

N20785C

Male/Female

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

CODE TEXT

N20785FC

Age	Range
Premature (26-28w) Day 4	124-841
Premature (31-35w) Day 4	26-568
Full term Day 3	<78
1 - 11m	13-106
Prepubertal	<91

Tanner Stages

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

N20785MC

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.

Prepubertal	<91

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

CODE TEXT

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

CODE TEXT

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.

N20787C

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

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
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 15 normals codes

*** End of Report ***