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|---|---|---|--------------------|------------------|
| Patient ID SA00064593 | Patient Name SAMPLEREPORT, FCAH | Birth Date 1964-06-27 | Gender M | Age 49 |
| Order Number SA00064593 | Client Order Number SA00064593 | Ordering Physician Client, Client | Report Notes | |
| Account Information C7028846 DLMP Rochester | | Collected 20 Nov 2013 06:00 | | |

CAH Profile 5

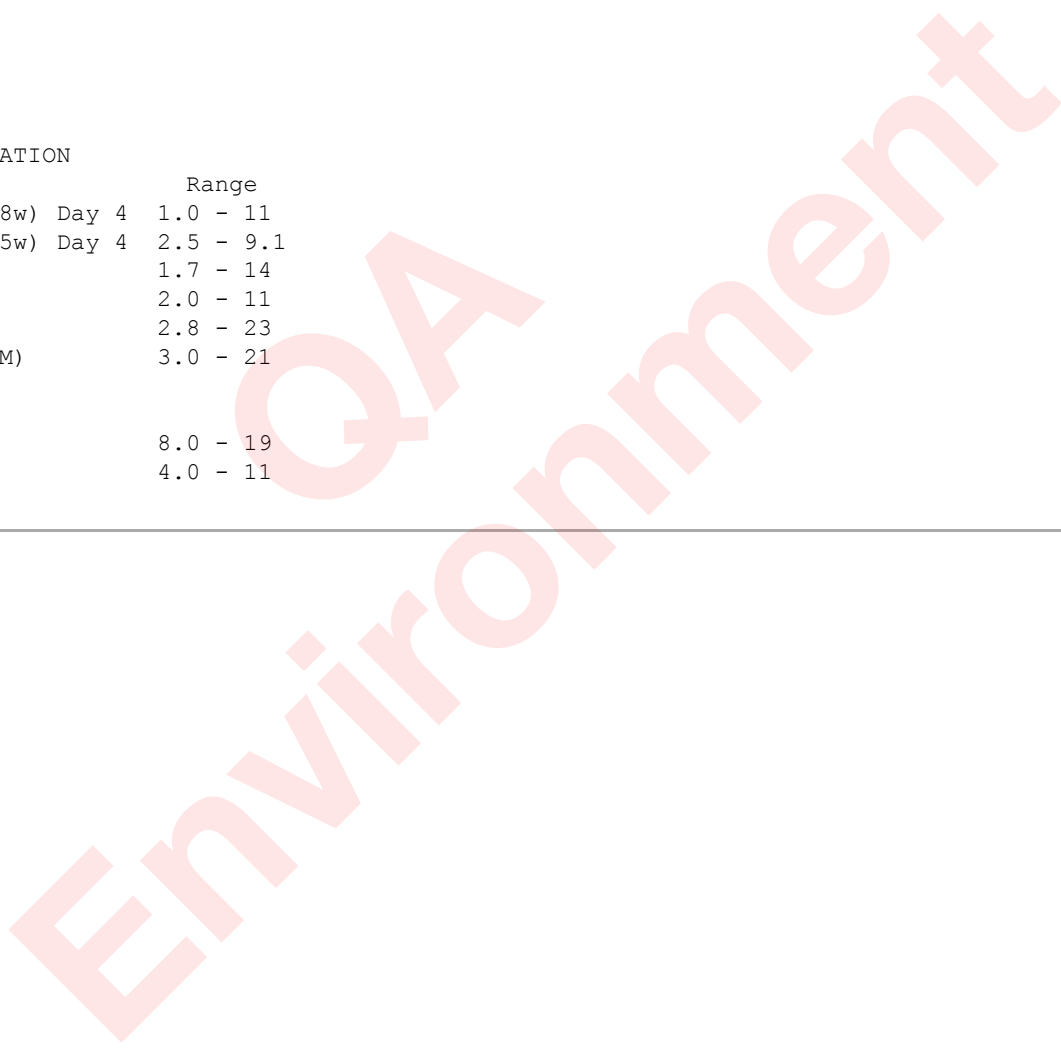
Cortisol

Y036

3.9 ug/dL

ADDITIONAL INFORMATION

| 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 |



Performing Site Legend

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Dehydroepiandrosterone (DHEA)

Y036

223 ng/dL

ADDITIONAL INFORMATION

| 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 |

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17-OH Pregnenolone

Y036

58 ng/dL

ADDITIONAL INFORMATION

| Age | Range |
|--------------------|----------------|
| Premature (24-28w) | 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 |

QA Environment

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Progesterone

Y036

<10 ng/dL

ADDITIONAL INFORMATION

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.

17-Alpha-Hydroxyprogesterone

Y036

81 ng/dL

ADDITIONAL INFORMATION

| | |
|--------------------|---------------|
| 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

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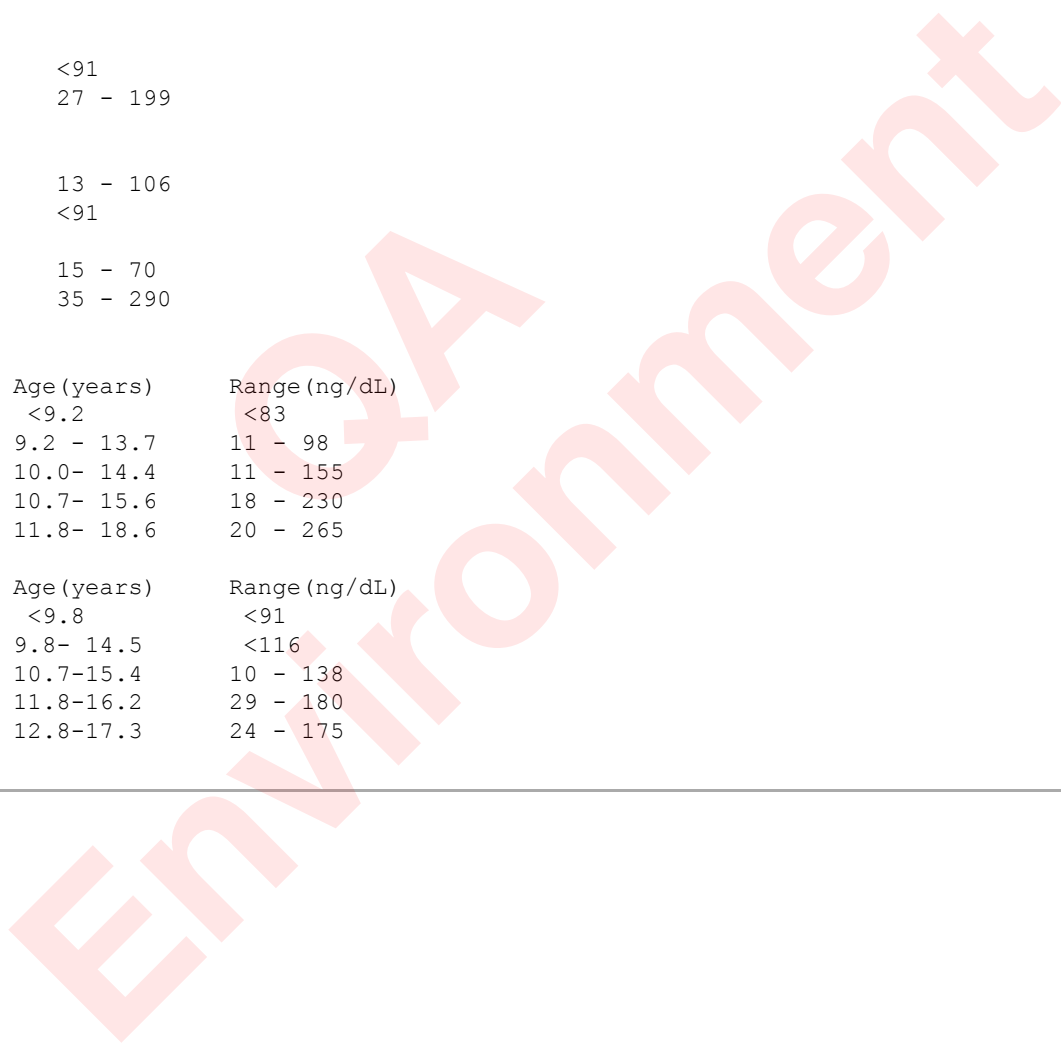
before one year.

Prepubertal <91
Adult Males 27 - 199

Females:
1-11m 13 - 106
Prepubertal <91
Adult Females:
Follicular 15 - 70
Luteal 35 - 290

Females
Tanner Stages Age (years) Range (ng/dL)
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

Males
Tanner Stages Age (years) Range (ng/dL)
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



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Androstenedione

Y036

115 ng/dL

ADDITIONAL INFORMATION

| 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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Testosterone, Serum (Total)

Y036

32 ng/dL

ADDITIONAL INFORMATION

| 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 348 - 1197

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 |

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Adult Females-
 Premenopausal 10 - 55
 Postmenopausal 7 - 40

Received: 20 Nov 2013 12:33 **Reported:** 20 Nov 2013 14:49

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