



|   |  |   |                    |                  |
|---|--|---|--------------------|------------------|
| Patient ID<br><b>SA00064590</b>                       | Patient Name<br><b>SAMPLEREPORT, FCAH1</b> | Birth Date<br><b>1964-06-27</b>             | Gender<br><b>M</b> | Age<br><b>49</b> |
| Order Number<br><b>SA00064590</b>                     | Client Order Number<br><b>SA00064590</b>   | Ordering Physician<br><b>Client, Client</b> | Report Notes       |                  |
| Account Information<br><b>C7028846 DLMP Rochester</b> |  | Collected<br><b>20 Nov 2013 06:00</b>       |                    |                  |

**CAH Profile 1**

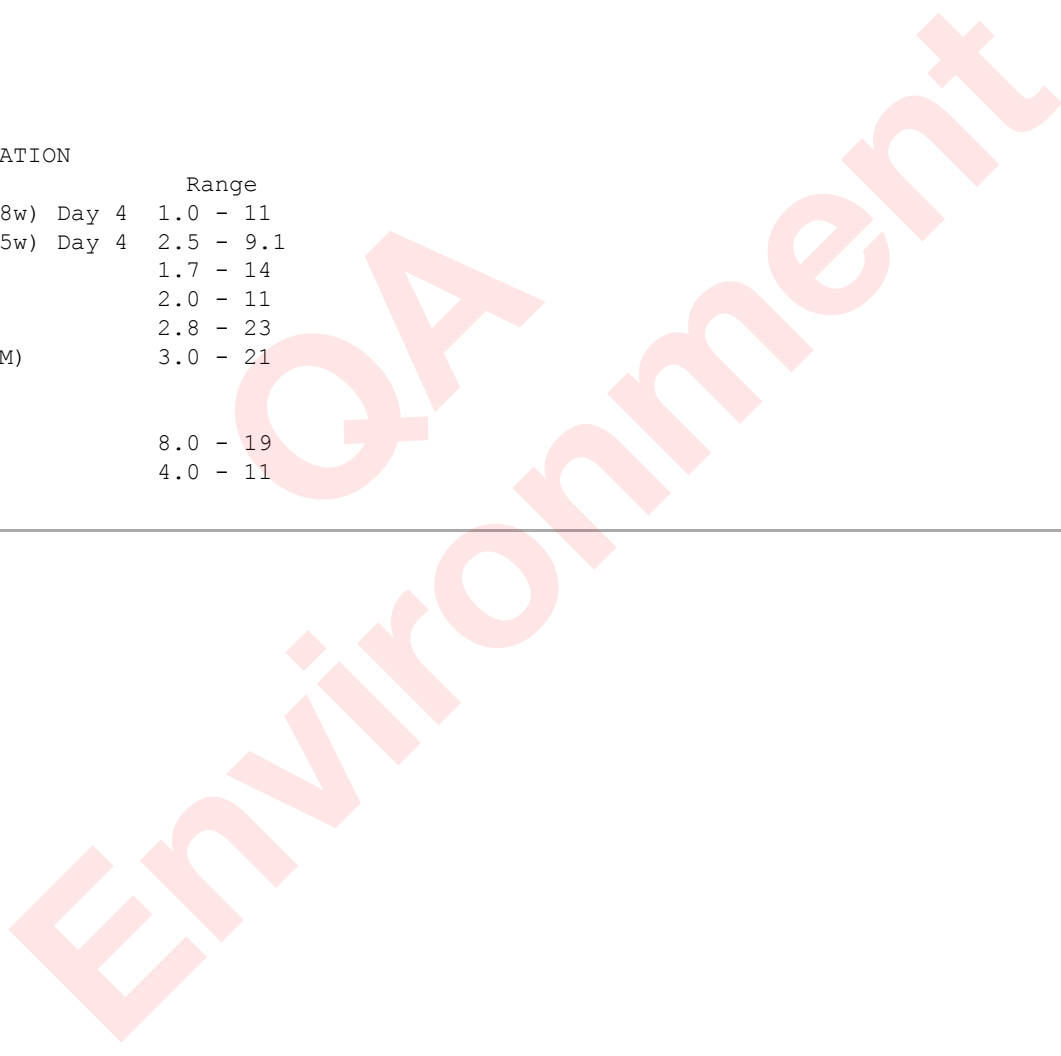
**Cortisol**

Y036

**29 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  |
| <b>Adults</b>              |           |
| 8:00 AM                    | 8.0 - 19  |
| 4:00 PM                    | 4.0 - 11  |



**Performing Site Legend**

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**Dehydroepiandrosterone (DHEA)**

Y036

**256 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 |

**17-Alpha-Hydroxyprogesterone**

Y036

**303 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     |

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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  
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

**84 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

**12 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 14:32

QA Environment

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