MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,FCAH6	SA00064594	49	M	SA00064594
Ordering Phys CLIENT,CLIENT				**DOB** 06/27/1964
Client Order # SA00064594	**Account Information**			**Report Notes**
Collected 11/20/2013 06:00	C7028846-DLMP Rochester SDSC 2 - Client Support Rochester, MN 55901			
Printed 11/21/2013 09:24				

Test	Flag	Results	Unit	Reference Value	Perform Site*
CAH Profile 6					
RECEIVED: 11/20/2013 12:34 **REPORTED:** 11/20/2013 15:08					
Cortisol		7.7	ug/dL		Y036

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

Test	Flag	Results	Unit	Reference Value	Perform Site*
Deoxycorticosterone (DOC)		2.2	ng/dL		Y036

Age	Range
Premature (26 - 28w) Day 4	20 - 105
Premature (34 - 36w) Day 4	28 - 78

Newborn: Levels are markedly elevated at birth and decrease rapidly during the first week to the range of 7 - 49 as found in older infants.

1 - 11m	7 - 49
Prepubertal Children	2 - 34
Pubertal Children and Adults 8:00 AM	2 - 19

Test	Flag	Results	Unit	Reference Value	Perform Site*
Dehydroepiandrosterone (DHEA)		62	ng/dL		Y036

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.

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* Report times for Mayo performed tests are CST/CDT

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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					
11-Desoxycortisol (Spec Compound S)		75	ng/dL		Y036
Age Range Premature (26-28w) Day 4 110-1376 Premature (31-35w) Day 4 48-579 Newborn Day 3 13-147 1 - 11m <10-156 Prepubertal 8:00 AM 20-155 Pubertal Children and Adults 8:00 AM 12-158					
17-OH Pregnenolone		20	ng/dL		Y036
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					
Progesterone		<10	ng/dL		Y036
Males Age Range 1 - 16y <10 - 15 Adults <10 - 11					

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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		14	ng/dL		Y036
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 Adult Males 27 - 199 Females: 1-11m 13 - 106 Prepubertal <91 Adult Females: Follicular 15 - 70 Luteal 35 - 290 Females					

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Test	Flag	Results	Unit	Reference Value	Perform Site*
Androstenedione		46	ng/dL		Y036

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

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

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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					
Testosterone, Serum (Total)		11	ng/dL		Y036
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					

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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	

* Performing Site:

Y036	Esoterix Endocrinology 4301 Lost Hills Road Calabasas Hills, CA 91301	Lab Director:

TEST SITE