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CompletePLUS Dried Urine Profile

Doctor ID : 1302	Patient Name : John Doe
Age: 45 Sex: M	Date of Birth : 8/13/1971
Accession # : 1234567	Test Code : 4099
Date Collected: 3/31/2016	Date Received: 4/6/2016
Date Reported: 5/9/2016	Tech:

Doctor Name and Address:
Sam Chiang
Wellness Clinic
123 Easy Road
Noname, WA 98000

Analyte	Value	Reference Range
	mg/dL	
Creatinine	77	33 - 133
Estrogens	ug/g creatinine	
Estrone (E1)	8	2.4 - 9.1
Estradiol (E2)	3.3 High	0.5 - 3.1
Estriol (E3)	6.5	2.3 - 9.1
<i>Total Estrogens (E1+E2+E3)</i>	17.8	5.3 - 21.3
<i>Estrogen Quotient (E3/(E1+E2))</i>	0.6	0.5 - 2.0
2-hydroxyestrone (2OHE1)	12 High	1.3 - 10.5
16a-hydroxyestrone (16aOHE1)	3.2	0.1 - 3.9
<i>2/16a ratio</i>	3.8	2.0 - 6.0
4-hydroxyestrone	2.3	0.3 - 2.6
2-methoxyestrone (2MeOE1)	0.5 Low	0.6 - 5.3
<i>Methylation ratio (2MeOE1/2OHE1)</i>	0.0 Low	0.25 - 0.75
2-methoxyestradiol	0.1	0.1 - 0.5
Progesterone		
Pregnanediol	250	47 - 700

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Androgens

DHEA	350		67 - 1333
Androsterone (Andro)	4500	High	1333 - 3333
Etiocholanolone (Etio)	4600	High	933 - 3333
<i>Andro/Etio (5α-reductase)</i>	1.0		0.6 - 1.9
Testosterone	32		15 - 87
DHT	4.3		2 - 13
5 α -Androstanediol	86	High	2 - 53
5 β -Androstanediol	125	High	3 - 80

Glucocorticoids

Pregnanetriol	680		133 - 1000
Cortisone (E)	85		21 - 139
Cortisol (F)	47		20 - 113
<i>Cortisol/Cortisone (11β-HSD II)</i>	0.6		0.5 - 0.9
Tetrahydrocortisone (THE)	4500		1400 - 4933
allo-Tetrahydrocortisol (5 α -THF)	2600	High	467 - 2533
Tetrahydrocortisol (THF)	2000		800 - 3000
<i>Adrenal Reserve (THE+5α-THF+THF)</i>	9100		2667 - 10467
<i>5α-THF/THF (5α-reductase)</i>	1.3		0.6 - 1.3
11 β -hydroxyandrosterone	487		409 - 1532
11 β -hydroxyetiocholanolone	312		102 - 633

Mineralocorticoids

11-dehydrotetrahydrocorticosterone	280		51 - 304
allo-Tetrahydrocorticosterone	124		87 - 400
Tetrahydrocorticosterone	153		20 - 160

Melatonin

6-Sulfatoxymelatonin (1st morning)	27		6 - 38
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