



801 SW 16th St, Suite 126
 Renton, WA 98057
 tel 425.271.8689 • 855.405.TEST (8378)
 fax 425.271.8674

Pre ComprehensivePLUS & Post Adrenal Hormone

Doctor ID 6055		Patient Name Jane Doe		
Age 65	Sex F	Date of Birth	Accession # 1501	Test Code 4080
Date Collected 9/1/2011	Date Received 9/2/2011	Date Reported	Tech	
Comments				

Doctor Name and Address:

Sample Reports

Fax:

Phone:

	Pre Amount Excreted in 24 hrs		Post Amount Excreted in 24 hrs	Adult Reference Range	
CREATININE	0.0 gm/24hr	LOW	gm/24hr	0.5-2.0 gm/24hr	
TOTAL VOLUME	0 mL		0 mL		
If Creatinine Value is out of normal range, results may be affected.					
STEROID	Amount Excreted in µg/24hr		Phase	Day	Female µg/24hr
ESTRONE	< 0.25	LOW	Luteal	17-26	3.3 - 44.6 *
			Follicular	27-11	2.0 - 39
			Mid-Cycle	12-16	11.0 - 46
			Post Menopausal		1.0 - 7.0
ESTRADIOL	< 0.25		Luteal	17-26	1.4 - 12.2 *
			Follicular	27-11	1.0 - 23
			Mid-Cycle	12-16	4.0 - 45
			Post Menopausal		0 - 4
ESTRIOL	< 0.25		Luteal	17-26	6.1 - 32.4 *
			Follicular	27-11	3.0 - 48
			Mid-Cycle	12-16	20 - 130
			Post Menopausal		0 - 30
Total Estrogens	0.0		Luteal	17-26	10.8 - 89.2 *
			Follicular	27-11	7.0 - 110
			Mid-Cycle	12-16	38 - 221
			Post Menopausal		0 - 41
Estrogen Quotient	#Div/0!	#Div/0	Estriol / (estrone + estradiol)		>1.0
2-OH ESTRONE	< 0.25	LOW	Luteal	17-26	3.8 - 38.1 *
			Post Menopausal		0.2 - 5.4 *
16α-OH ESTRONE	< 0.25	LOW	Luteal	17-26	2.1 - 7.9 *
			Post Menopausal		0.15 - 3.5 *
2 / 16α Ratio	1.0		Luteal	17-26	1.8 - 5.5 *
			Post Menopausal		0.6 - 5.0 *
4-OH ESTRONE	< 0.25	LOW	Luteal	17-26	0.8 - 5.9
			Post Menopausal		0.05 - 1.1
2-METHOXYESTRONE	< 0.25	LOW	Luteal	17-26	2.2 - 14.4 *
			Post Menopausal		0.3 - 4.1
2-METHOXYESTRADIOL	< 0.1	LOW	Luteal	17-26	0.1 - 2.2 *
			Post Menopausal		0.03 - 0.54

Pre ComprehensivePLUS and Post Adrenal Hormone Profile

Patient Name: Jane Doe
 Accession #: 1501 Test ID: 366376 Test Code: 4080

Adult Reference Range
 Female
 µg/24hr

STEROID	Amount Excreted in µg/24hr			Adult Reference Range Female µg/24hr
	Pre	Post		
	Amount Excreted in µg/24hr		Amount Excreted in µg/24hr	
PREGNANEDIOL (progesterone metabolite)	< 0.001		Luteal Follicular Post Menopausal	1450 - 6140 * 0 - 2500 200 - 1000
DHEA	< 0.001	LOW		100 - 2000
TESTOSTERONE	< 0.25	LOW	Not Applicable	5.0 - 35
5α-ANDROSTANEDIOL	< 0.25	LOW	Not Applicable	3.0 - 35.0
5β-ANDROSTANEDIOL	< 0.25	LOW	Not Applicable	13.0 - 180.0
ANDROSTERONE	< 0.25	LOW		500 - 3200
ETIOCHOLANOLONE	< 0.25	LOW		500 - 5000
PREGNANETRIOL	< .25	LOW		100 - 1500
CORTISONE	< 0.25	LOW		31-209
CORTISOL	< 0.25	LOW		30-170
TETRAHYDROCORTISONE	0	LOW		1700-4200
ALLO-TETRAHYDROCORTISOL	0	LOW		400-2100
TETRAHYDROCORTISOL	0	LOW		900-2600
11β-HYDROXYANDROSTERONE	0	LOW	Pending	398-1471
11β-HYDROXYETIOCHOLANOLON	0	LOW	Pending	153-827
ALDOSTERONE	7.7			Normal Diet: 6.0-25.0 Low Salt: 17.0-44.0 High Salt: 0.0-6.0
ALLOTETRAHYDROCORTICOSTERONE	0	LOW		130-600
TETRAHYDROCORTICOSTERONE	0	LOW		30-240
11-DEHYDROTETRAHYDROCORTICOSTERO	0	LOW		62-293

* Reference range revised based on recent reference range study (September 28, 2006)

Pre ComprehensivePLUS and Post Adrenal Hormone Profile

Patient Name: Jane Doe

Accession 1501 Test ID: 366376 Test Code: 4080

		% Change			
DHEA	-	%	PREGNANETRIOL	-	%
ETIOCHOLANOLONE	-	%	CORTISONE	-	%
ANDROSTERONE	-	%	CORTISOL	-	%
			TETRAHYDROCORTISOL	-	#Error %
			ALLO-TETRAHYDROCORTISOL	-	#Error %
			TETRAHYDROCORTICOSTERONE	-	#Error %
			ALLO-TETRAHYDROCORTICOSTERONE	-	#Error %

Expected changes for patients with adequate adrenal reserve:
DHEA \geq 50% Cortisol \geq 100%

See our Interpretative Guide at: www.meridianvalleylab.com > Tests > Steroids > Steroid Hormone Profiles > 24 Hour Comprehensive Steroid Hormone Profile Interpretation