

**TEST CHANGE**

**Adrenal Steroid Quantitative Panel by HPLC-MS/MS, Serum or Plasma**

0092330, ADSTEROID

<b>Specimen Requirements:</b>	
Patient Preparation:	
Collect:	Serum separator tube. Also acceptable: Plain red, pink (K2EDTA), or green (sodium or lithium heparin).
Specimen Preparation:	Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 1.2 mL serum or plasma to an ARUP <del>standard transport tube</del> <a href="#">Standard Transport Tube</a> and freeze immediately. (Min: 0.6 mL)
Transport Temperature:	CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.
Unacceptable Conditions:	Refrigerated or room temperature specimens.
Remarks:	
Stability:	After separation from cells: Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 6 months
Methodology:	Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry
Performed:	Mon-Fri
Reported:	1- <del>5</del> 4 days
Note:	
CPT Codes:	82634; 83498; 84143; 84140
New York DOH Approval Status:	This test is New York DOH approved.
Interpretive Data:	
<del>This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.</del>	
Reference Interval:	

Deleted Cells

Test Number	Components	Reference Interval		
	11-Deoxycortisol, HPLC-MS/MS	Age	Male (ng/dL)	Female (ng/dL)
		Premature (26-28 weeks)	110-1376	110-1376
		Premature (29-36 weeks)	70-455	70-455
		Full Term (1-5 months)	10-200	10-200
		6-11 months	10-276	10-276
		1-3 years	7-202	7-247
		4-6 years	8-235	8-291
		7-9 years	Less than or equal to 120	Less than or equal to 94
		10-12 years	Less than or equal to 92	Less than or equal to 123
		13-15 years	Less than or equal to 95	Less than or equal to 107
		16-17 years	Less than or equal to 106	Less than or equal to 47
		18 years and older	Less than 50	Less than 33
		Tanner Stage I	Less than or equal to 105	Less than or equal to 94
		Tanner Stage II	Less than or equal to 108	Less than or equal to 136
		Tanner Stage III	Less than or equal to 111	Less than or equal to 99
		Tanner Stage IV & V	Less than or equal to 83	Less than or equal to 50
		After metyrapone stimulation	Greater than 8000	Greater than 8000
	17-Hydroxyprogesterone, HPLC-MS/MS			

	Age	Male (ng/dL)	Female (ng/dL)
	Premature (26-28 weeks)	124-841	124-841
	Premature (29-35 weeks)	26-568	26-568
	Full term Day 3	7-77	7-77
	4 days-30 days	Less than 200	7-106
	1 month-2 months	Less than 200	13-106
	3 months-5 months	3-90	13-106
	6 months-1 year	Less than or equal to 148	Less than or equal to 148
	2-3 years	Less than or equal to 228	Less than or equal to 256
	4-6 years	Less than or equal to 208	Less than or equal to 299
	7-9 years	Less than or equal to 63	Less than or equal to 71
	10-12 years	Less than or equal to 79	Less than or equal to 129
	13-15 years	9-140	9-208
	16-17 years	24-192	Less than or equal to 178
	18 years and older	Less than 139	Less than 207
	Follicular	Not Applicable	15-70
	Luteal	Not Applicable	35-290
	Tanner Stage I	Less than or equal to 62	Less than or equal to 74
	Tanner Stage II	Less than or equal to 104	Less than or equal to 164
	Tanner Stage III	Less than or equal to 151	13-209
	Tanner Stage IV-V	20-173	7-170
	17-Hydroxypregnenolone Quant, MS/MS, Ser		

	Age	Male (ng/dL)	Female (ng/dL)
	Premature (26-28 weeks)	1219-9799	1219-9799
	Premature (29-36 weeks)	346-8911	346-8911
	Full Term (1-5 months)	229-3104	229-3104
	6-12 months	Less than or equal to 917	Less than or equal to 917
	13-23 months	Less than or equal to 592	Less than or equal to 592
	2-4 years	Less than or equal to 249	Less than or equal to 280
	5-6 years	Less than or equal to 319	Less than or equal to 350
	7-9 years	Less than or equal to 187	Less than or equal to 212
	10-12 years	Less than or equal to 392	Less than or equal to 398
	13-15 years	35-465	Less than or equal to 407
	16-17 years	32-478	Less than or equal to 423
	18 years and older	Less than 442	Less than 226
	Tanner Stage I	Less than or equal to 208	Less than or equal to 235
	Tanner Stage II	Less than or equal to 355	Less than or equal to 367
	Tanner Stage III	Less than or equal to 450	Less than or equal to 430
	Tanner Stage IV & V	35-478	Less than or equal to 412
Pregnenolone			



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Age	Male (ng/dL)	Female (ng/dL)
6-12 months	13-327	13-327
13-23 months	12-171	12-171
2-4 years	10-125	15-125
5-6 years	10-156	13-191
7-9 years	13-205	14-150
10-12 years	15-151	19-220
13-15 years	18-197	22-210
16-17 years	17-228	22-229
18 years and older	23-173	15-132
Tanner Stage I	13-156	15-171
Tanner Stage II	12-143	22-229
Tanner Stage III	16-214	34-215
Tanner Stage IV & V	19-201	26-235



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