

TEST CHANGE

17-Hydroxyprogesterone Quantitative by HPLC-MS/MS, Serum or Plasma

0092332, OHPRGSTON

Specimen Requirements:

Patient Preparation:

Collect: Serum separator tube (SST). Also acceptable: Plain red, pink (K2EDTA), plasma separator tube (PST), green (sodium heparin), or green (lithium heparin).

Specimen Preparation: Transfer 1 mL serum or plasma to an ARUP standard transport tube. (Min: 0.3 mL)

Transport Temperature: Frozen. Also acceptable: Refrigerated.

Unacceptable Conditions: Grossly hemolyzed specimens.

Remarks:

Stability: After separation from cells: Ambient: 3 Days; Refrigerated: 1 week; Frozen: 6 months

Methodology: Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry

Note:

CPT Codes: 83498

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Reference Interval:

Test Number	Components	Reference Interval		
	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

HOTLINE NOTE: There is a numeric map change associated with this test. Refer to the Hotline Test Mix for interface build information.