

TEST INFORMATION
Reference Ranges in Pregnancy

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Mean serum/plasma laboratory findings during normal pregnancy, expressed as a percentage of the nonpregnant mean and calculated using the mean "FUMC Normal" for a 25 year old female.

Analyte	units	ref range 25 y F median		Time of Gestation in Weeks			
				12 w	28 w	32 w	Term
CO2	mmol/L	26	absolute	22	22	22	21
			% of "normal"	85%	85%	85%	81%
Urea Nitrogen	mg/dL	14	absolute	11	9	9	11
			% of "normal"	77%	63%	63%	77%
Creatinine	mg/dL	0.9	absolute	0.6	0.6	0.7	0.8
			% of "normal"	71%	71%	74%	87%
Albumin	g/dL	4.0	absolute	3.7	3.1	3.1	3.1
			% of "normal"	93%	78%	78%	78%
Protein	g/dL	7.1	absolute	6.5	5.9	5.9	5.9
			% of "normal"	92%	83%	83%	83%
Uric Acid	mg/dL	4.4	absolute	3.0	3.5	4.0	5.3
			% of "normal"	68%	79%	92%	120%
Magnesium	mg/dL	2.0	absolute	1.8	1.8	1.7	1.7
			% of "normal"	92%	90%	87%	87%
Alk Phosphatase	U/L	85	absolute	77	111	173	295
			% of "normal"	90%	131%	203%	347%
Creatine Kinase	U/L	116	absolute	101	100	100	157
			% of "normal"	87%	86%	86%	135%
Cholesterol	mg/dL	100	absolute	100	132	144	156
			% of "normal"	100%	132%	144%	156%
Triglyceride	mg/dL	100	absolute	141	244	300	309
			% of "normal"	141%	244%	300%	309%
Parathyroid, Intact	pmol/L	3.4	absolute				4.8
			% of "normal"	n/a	n/a	n/a	140%
A1 Antitrypsin	mg/dL	140	absolute	181	237	244	267
			% of "normal"	129%	169%	174%	191%
Transferrin	mg/dL	285	absolute	299	413	456	485
			% of "normal"	105%	145%	160%	170%
Iron	mg/dL	108	absolute	121	89	102	102
			% of "normal"	112%	82%	94%	94%
Iron Binding Capacity	ug/dL	428	absolute	407	552	595	616
			% of "normal"	95%	129%	139%	144%
Ferritin	ng/mL	65	absolute	53	21	24	38
			% of "normal"	81%	33%	37%	59%
Thyroxine (T4)	ug/dL	8.0	absolute	8.2	8.2	7.9	8.0
			% of "normal"	103%	102%	99%	100%
Triiodothyronine (T3)	ng/dL	120	absolute	120	145	139	145
			% of "normal"	100%	121%	116%	121%
Free Thyroxine (FT4)	ng/dL	1.27	absolute	1.24	0.90	0.79	0.94
			% of "normal"	98%	71%	62%	74%
TSH	mU/L	2.7	absolute	3.0	2.9	3.3	3.8
			% of "normal"	111%	106%	122%	139%
Cortisol	ug/dL	16.6	absolute	18.4	47.1	50.0	51.3
			% of "normal"	111%	284%	301%	309%
Prolactin	ug/L	11	absolute				99
			% of "normal"	n/a	n/a	n/a	800-1000%
Leukocyte Count	10 ⁹ /L	7.5	absolute	10.8	12.5	12.5	18.0
			% of "normal"	144%	167%	167%	240%
Fibrinogen	mg/dL	270	absolute	321	356	416	446
			% of "normal"	119%	132%	154%	165%

From Tietz Textbook of Clinical Chemistry, 3rd Edition, WB Saunders, 1999.
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