

FREE PSA MEASUREMENT REPLACING COMPLEXED PSA, CHANGE IN C-REACTIVE PROTEIN REPORTING UNITS, and IMMUNOGLOBULIN QUANTITATIONS REFERENCE RANGES CORRECTIONS

Effective Date: December 10, 2018

With the introduction of new Abbott chemistry instrumentation, measurement of Free PSA is replacing Complexed PSA.

- If free PSA is requested, a total PSA will first be performed.
- **Free PSA will ONLY be performed if total PSA is between 2.5 and 10.0 ng/mL.**
- Complexed PSA will no longer be performed or reported; however it can be calculated from total PSA minus free PSA.

Test Name	NEW	Old
Total PSA	<2.5 ng/mL	<2.5 ng/mL
Free PSA (%)	>24 %	>24%
Complexed PSA	Not reported	<76%

Change in C-Reactive Protein Reporting Units

CRP is now being reported as mg/L and is therefore in-line with Oakwood Health System reporting. CRP is also now in the same units as high-sensitivity CRP.

Example for CRP: Old units of 8.0 mg/dL now reported as 80 mg/L

Test Name	NEW	Old
C-Reactive Protein	<8.0 mg/L	<0.8 mg/dL

Immunoglobulin Quantitations: Correction to December 10, 2018 Laboratory Bulletin, Chemistry Reference Changes.

SPECIFIC PROTEINS TEST	NEW RANGES			Old Ranges	
	Low	High		Low	High
IgA (mg/dL)					
< 1 Year	0	30	0 - 29 Days	8	29
1 – 2 Years	0	90	1 - 3 Months	8	29
3 – 5 Years	30	150	4 - 6 Months	10	47
6 – 13 Years	50	220	7 - 12 Months	15	58
14 – 18 Years	50	209	13 - 24 Months	20	88
			25 - 36 Months	22	78
			3 - 5 Years	29	138
			6 - 8 Years	61	201

Beaumont Laboratory
Customer Service
1-800-551-0488

28050 Grand River Ave.
Farmington Hills, MI 48336

468 Cadieux Road
Grosse Pointe, MI 48230

3601 West 13 Mile Road
Royal Oak, MI 48073

44201 Dequindre Road
Troy, MI 48085

SPECIFIC PROTEINS TEST	NEW RANGES			Old Ranges	
	Low	High		Low	High
IgG (mg/dL) continued			9 - 11 Years	57	251
			12 - 16 Years	57	190
Adult	70	365	Adult	88	374
IgG (mg/dL)					
0 – 14 Days	320	1400	0 - 29 Days	552	1443
15 Days – 11 Months	110	700	1 - 3 Months	157	592
1 – 3 Years	320	1150	4 - 6 Months	100	474
4 – 9 Years	540	1360	7 - 12 Months	264	822
10 – 18 Years	660	1530	13 - 24 Months	138	901
			25 - 36 Months	438	1091
			3 - 5 Years	480	1284
			6 - 8 Years	627	1376
			9 - 11 Years	701	1452
			12 - 16 Years	635	1410
Adult	550	1650	Adult	520	1560
IgM (mg/dL)					
0 – 14 Days	10	40	0 - 29 Days	12	28
15 Days – 12 Weeks	10	70	1 - 3 Months	27	113
13 – 51 Weeks	20	90	4 - 6 Months	30	86
1 – 18 Years	40	150	7 - 12 Months	33	74
			13 - 24 Months	33	159
			25 - 36 Months	45	133
			3 - 5 Years	45	166
			6 - 8 Years	53	161
			9 - 11 Years	49	139
			12 - 16 Years	48	253
Adult	40	293	Adult	47	206

If you have questions, please contact Client Services (1-800-551-0488, option 5).
 Laboratory Test Directory: <http://beaumontlaboratory.com/test-lab-directory>.

Date submitted: December 11, 2018
Submitted by: Kenneth Simkowski, PhD, Technical Director, Automated Chemistry, Royal Oak
 Elizabeth Sykes, MD, Medical Director, Automated Chemistry and Special Testing, Royal Oak

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