

Serum Calcium and Carbon Dioxide Reference Range Update Dearborn, Grosse Pointe, Royal Oak, Troy

Effective Date: March 18, 2019

Effective March 18, 2019, Beaumont Laboratory Chemistry will be updating the pediatric and adult reference ranges for serum calcium and carbon dioxide to reflect current population statistics for Dearborn, Grosse Pointe, Royal Oak, and Troy.

There are no changes in specimen requirements, preparation, storage and transport.

The Reference Ranges will be adjusted as follows:

Test	Ages	New Reference Range	Old Reference Range
Calcium (CA)	0 - < 1 Year	No Change	8.5 – 11.0 mg/dL
	1 – 18 years	9.2 – 10.7 mg/dL	9.2 – 10.5 mg/dL
	19 Years - Adult	8.5 – 10.5 mg/dL	8.4 – 10.2 mg/dL

Test	Ages	New Reference Range	Old Reference Range
Carbon Dioxide (CO2)	0 - < 1 Year	No Change	20 – 28 mmol/L
	1 – 13 Years	17 – 28 mmol/L	20 – 28 mmol/L
	14 Years – Adult	20 – 29 mmol/L	22 – 29 mmol/L

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