

News

Clinical Laboratory Test Update

Test Discontinued – Serum Ketone

New Test – Beta-hydroxybutyrate

Effective 6/21/17, the University of Colorado Hospital Clinical Laboratory will be unable to offer qualitative Serum Ketone testing due to discontinuation of the necessary reagent by the manufacturer.

The Clinical Laboratory will instead offer a quantitative test, Beta-hydroxybutyrate. Ordinarily, Beta-hydroxybutyrate accounts for approximately 75% of the ketone bodies in serum, which also include acetoacetate and acetone. During periods of ketosis, Beta-hydroxybutyrate increases even more than the other two ketoacids, acetoacetate and acetone, and has been shown to be a reliable indicator of ketoacidosis.

Specimen	Preferred - One 5mL green top with gel Alternate – One 5mL gold top with gel
Storage/Transport	Onsite: Deliver to lab immediately at ambient temperature. Offsite: Centrifuge within 30 minutes of collection. Transport to laboratory on cold pack.
Reference Range	≤ 0.27 mmol/L
CPT Code	82010
Epic Order	LAB3582; BHB

Please call Gregory Bocsi, DO at 720-848-7050 if you have any questions or visit our website at <https://www.uchealth.org/professionals/uch-clinical-laboratory/> for additional information.

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