

Clinical Laboratory Test Update

Effective Tuesday, March 7, 2023

GLUCOSE

Glucose critical value will change from ≤ 40 mg/dL to ≤ 50 mg/dL for ages ≥ 18 years old. This change supports patient safety through improved hypoglycemia management.

Analyte	Age	Critical Values	
		Low	High
Glucose (Serum, Plasma, and Arterial, Venous and Capillary)	0-3 years	≤ 40 mg/dL	≥ 150 mg/dL
	4-17 years	≤ 40 mg/dL	≥ 200 mg/dL
	≥ 18 years	≤ 50 mg/dL	≥ 500 mg/dL

For any questions about this test update, please contact:

Memorial Central & Pikes Peak Regional Hospital

Angelina King, MLS (ASCP), Laboratory Manager, Angelina.King@uchealth.org

Memorial North & Children's Hospital

Jennifer McElroy, MLS (ASCP), Laboratory Manager, Jennifer.McElroy@uchealth.org

Issued: 03/06/2023