

# TECHNICAL

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April, 2021

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## Globulin reference range change

Effective May 4, 2021, Methodist Health System laboratories will change the reference range for globulin.

### **Background:**

After a thorough review of globulin results over the last year in patients in the Methodist Health System it was determined that the reference range for males and females > 12 years of age should be updated.

The previous reference range was: 2.1 to 3.7 g/dL.

**The NEW reference range is: 1.7 to 3.7 g/dL.**

Globulin is a generic term for most blood proteins other than albumin. It is a **calculated** value and represents the difference between total serum protein and serum albumin levels.

### **Order:**

Globulin level is part of Comprehensive Metabolic panel (Comp Panel/CMP) and the Hepatic Function Panel (Liver Panel)

### **Specimen Requirements:**

5 mL in SST (serum separating tube with gel separator); PST (heparinized plasma separating tube with gel separator) is also acceptable.

Centrifuge and send SST or serum. Refrigerate 2-8°C.

Refrigerated - 4 days stability. Freeze for extended storage after separation from cells and gel.

### **Test Performed:**

Performed 24/7 with an expected turnaround time (TAT) of 3 hours.

Please direct any questions to Dr. George Bedrnicek at 402 955-5528 or to Dr. Deborah Perry at 402 354-4559.