

Referred Specimen and Reference Range Update



Lead Venous Testing

Effective November 7th, 2017, St. Luke's Laboratory will begin referring Venous Lead samples to Mayo Medical Laboratories rather than Laboratory Corporation of America. The sample collection container requirements and reference ranges are affected.

This announcement does not affect capillary samples, which are still tested at St. Luke's Hospital.

| Test Mnemonic | Indication |
|---------------|---|
| LEADADULT | Adult lead exposure testing |
| LEAD | Venous lead exposure testing, pediatric |

Old Reference Values:

Pediatrics (0-15 years): 0-4ug/dL

Adults: 0-19 ug/dL

New Reference Values:

All Ages: 0.0-4.9 mcg/dL

Critical values

Pediatrics (≤ 15 years): ≥ 20.0 mcg/dL

Adults (≥ 16 years): ≥ 70.0 mcg/dL

Sample Type: Tan-top (lead only) BD Vacutainer Plus with EDTA blood collection tube.

Other acceptable sample type: Royal blue-top BD Vacutainer Plus with EDTA blood collection tube.

Purple-top BD Vacutainer with EDTA is NOT acceptable.

If you have questions, please contact Kristin Baer, M.D. Chemistry Medical Director (218)-249-5208, Sabrina Fuchs, MBA, MLS (ASCP)^{cm}, Laboratory Operations Manager (218)-249-5339, or Amber LaMourea, MT(ASCP), Immunology Technical Specialist (218)-249-5024

See St. Luke's Laboratory Services Web page containing New Test Announcements:

<http://www.slhduluth.com/hospital/laboratory-services/>