

AN OFFER FROM CAPITAINER

# BLOOD LEAD TESTING

At miQro Lab Solutions

**miQro**  
lab solutions  
a *Capitainer* Company

# Why test blood lead levels?

The CDC currently uses a blood lead reference value (BLRV) of 3.5 micrograms per deciliter ( $\mu\text{g}/\text{dL}$ ) to identify children with blood lead levels higher than most, prompting follow-up actions such as education, environmental assessment, and repeat testing.

For adults, especially workers exposed to lead, the Adult Blood Lead Epidemiology and Surveillance (ABLES) program uses 5  $\mu\text{g}/\text{dL}$  as the threshold for elevated Blood Lead Levels (BLLs). Pregnant individuals should avoid BLLs above 3.5–5  $\mu\text{g}/\text{dL}$  due to risks to fetal development.

miQro Lab Solutions offers blood lead testing based on microsampling solutions from Capitainer<sup>®</sup> from dried capillary blood.

## About the test

**Test:** B-Lead

**Sampling:** Capillary blood collected on Capitainer<sup>®</sup>B

**Transport:** Ambient temperature

**Indication for test:** Identifying elevated blood lead levels, quantitatively above CDC reference values

**Response time:** Within 5 days from arrival at miQro. Analysis is performed at least twice per week.

**Reporting interval:** 0.5  $\mu\text{g}/\text{dL}$  – 100  $\mu\text{g}/\text{dL}$  Lower values will be reported as < 0.5  $\mu\text{g}/\text{dL}$

**Accreditation:** miQro is a CLIA-registered laboratory

**Available from:** 1st of December 2025



# FAQ

We are happy to answer your questions and tailor solutions to your needs.



## **How are the samples analyzed?**

Our laboratory miQro is equipped with ICP-MS from ThermoFisher where the samples are processed and analyzed by our skilled scientists.

## **How are the sampling kits distributed?**

The distribution solution can be set up entirely according to your preferences. They can be delivered in bulk to one location or as a service with direct shipment to the end user for at-home sampling solutions. At miQro, we have established partnerships with companies for individual-level logistics.

## **Can I also get other toxic metals tested from my blood?**

We are working towards expanding our element panel to include trace level toxic metals (Cadmium, Arsenic, Thallium, Mercury) and several other elements. This expanded panel will be offered as a screening panel as they are validated and can be incorporated in base analysis for Pb.

## **How sure can I be sure that the results are valid?**

Our test meets the highest quality standards. The lead test at miQro is quality-assured under CLIA regulations and through our participation in a recognized proficiency testing program.

*Please note:* Lead is commonly present in the environment, and there is always a risk of contamination that may result in falsely elevated levels. The CDC recommends that healthcare providers confirm elevated capillary test results with a venous blood draw.