

Mandated Reporters

All LeadCare II owners conducting blood lead tests should have a plan in place to report results.

The following entities are mandated reporters

- *Any person who knows or has reason to believe a case exists of a reportable blood lead level. This includes*
 - *Healthcare practitioners, labs, schools, day cares, youth camps, laboratory professionals.*

WHEN TO REPORT A CAPILLARY BLOOD LEAD TEST

Capillary blood lead levels at or above the blood lead reference value of 3.5 µg/dL (micrograms/deciliter) in persons under 16 years of age should be reported within 7 days to public health.

HOW TO REPORT A CAPILLARY BLOOD LEAD TEST

Capillary blood lead test results that meet the criteria above should be sent securely to your local or Tribal health department.

Results can also be securely faxed to the Montana Department of Public Health and Human Services (800-616-7460 or 406-444-0308).

REPORT CONTENTS

The lab report should include the following, if available:

- Patient information
 - Name (first, last, and middle initial), physical address (including city, state, and zip code), date of birth, gender, race, and ethnicity.
 - Date the disease or condition was reported to the health officer.
- Name and address of the patient's physician.
- Name of the reporter that public health can contact for further assistance.

LEADCARE II USAGE REMINDERS

- Capillary tests using the LeadCare II point-of-care device are only appropriate for people under the age of 16.
 - People 16 years and older should receive a venous blood lead test.

CONTACT

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REFERENCES

- MT ARMs 37.114.201, 37.114.203, 37.114.204, and 37.114.205

**PREPPING A FINGERSTICK SITE
WITH AN ALOCHOL WIPE ALONE
IS NOT SUFFICIENT FOR
REMOVING EXTERNAL SOURCES
OF LEAD.**

TO AVOID CONTAMINATION:

- 1. Thoroughly wash the child's hands with soap and warm water.**
- 2. Allow the hands to air dry. Do not use paper towels. Trace amounts of heavy metals like lead can be found in some paper towels and can interfere with the test result.**
- 3. After the hands have air dried, scrub the fingerstick site with an alcohol wipe.**

LEADCARE II USAGE REMINDERS

- Wear powder-free gloves when collecting and testing the blood sample to prevent lead contamination.
- Be sure to fill capillary tube to the 50 μL line with no bubbles. Collecting less than 50 μL of blood can affect test accuracy.
- Blood clots can affect test accuracy. If blood clots are present, do not test and collect a new sample.
- A "low" display reading of a test result indicates a blood lead level less than 3.3 $\mu\text{g}/\text{dL}$.
- A "high" display reading of a test result indicates a blood lead level greater than 65 $\mu\text{g}/\text{dL}$.
- An initial capillary blood lead level $\geq 3.5 \mu\text{g}/\text{dL}$ should be confirmed with a venous draw.

Capillary Blood Lead Level ($\mu\text{g}/\text{dL}$)	Time to venous confirmation test
$\geq 3.5-9$	Within 3 months
10-19	Within 1 month
20-44	Within 2 weeks
≥ 45	Within 48 hours

Additional clinical guidance based on blood lead level can be found at <https://www.cdc.gov/lead-prevention/hcp/clinical-guidance/>.

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