

LeadCarePlus[™]

Quick Start Guide

Refer to the User's Guide for detailed instructions on calibration, quality control and testing procedures.

The USB Drive included in the LeadCare Plus Analyzer Kit contains the User's Guide. A hard copy is available upon request.

The end user must validate the use of micro collection devices with the LeadCare Plus Blood Lead Testing System in accordance with their laboratory policies and procedures.



1 TURN ANALYZER ON

1. Plug DC connector into the back of the analyzer (1); plug adapter into an AC power outlet.
2. Move the power switch to the left (2) to turn the analyzer on.
3. Wait while the analyzer performs a series of self-tests.



2 CALIBRATE THE ANALYZER

1. Hold the calibration button included in the test kit to the button reader until you hear the beep.
2. The button must touch both the center contact and metal side of the button reader. Please note: there is no need to apply pressure.
3. Make sure that the lot number on the calibration button matches the "Sensor Lot" on the analyzer display.
4. The LeadCare Plus Blood Lead Analyzer is now ready for testing.



See other side for:

- **Step 3: Quality Control Procedure**
- **Step 4: Blood Lead Testing Procedure**

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D I A G N O S T I C S

P/N 82-0010 Rev 03

LeadCarePlus⁺

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STOP Perform Steps 1 and 2 (on the other side) before completing these steps.

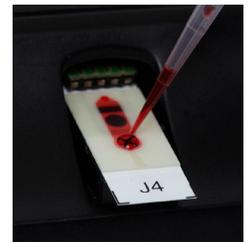
3 QUALITY CONTROL PROCEDURE

1. Invert the Level 1 Control vial 8-10 times at a minimum to ensure homogeneity of the control material.
2. Using a calibrated pipette, withdraw 50 μ L of control material from the control vial. Dispense the entire 50 μ L aliquot of control solution into the treatment reagent tube.
3. Replace the control vial cap and the treatment reagent tube cap. Thoroughly mix the control/treatment reagent mixture.
4. Verify that the lot number on the sensor vial matches the lot number on the analyzer display.

5. Insert a sensor into the analyzer.
6. Using a pipette, draw 30 μ L of the sample mixture from the treatment reagent tube and dispense on the (X) on the sensor.

The analyzer starts the 3-minute analysis automatically. Test results are displayed on the analyzer display screen.

7. Repeat this process for the Level 2 Control.



4 BLOOD LEAD TESTING PROCEDURE

1. Obtain capillary whole blood sample.
 - Use only capillary whole blood samples anticoagulated with EDTA or heparin.
2. Prepare sample.
 - Using a calibrated pipette, add 50 μ L of a blood sample to a labeled treatment reagent tube, recap, and mix thoroughly. The sample preparation will turn brown.

3. Analyze sample.
 - Verify that the sensor lot number matches the analyzer display.
 - Insert a sensor into the analyzer.
 - Using a pipette, draw 30 μ L of the sample mixture from the treatment reagent tube and dispense on the (X) on the sensor.
 - The analyzer starts the 3-minute analysis automatically. Test result is displayed on the analyzer display screen.
4. Record result and discard sensor.

CONTACT

Product Support

800-275-0102 Monday - Friday

8:00 a.m. - 6:00 p.m. EST, excluding holidays LeadCareSupport@magellandx.com |

<https://www.magellandx.com/leadcare-products/leadcare-plus/>



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DIAGNOSTICS

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