LeadCarePlus

Simplicity + Control for Any Lab

Now you can perform blood lead testing in house.

MORE COST-EFFECTIVE THAN SEND-OUTS

- **FDA Cleared**
  No method development required
- **User Friendly** Plug in and go!
  No setup or maintenance costs
- **Electronic Calibration**
  Seconds to complete, no standards, no drift
- **Pre-packaged Consumables**
  Everything you need in one box
- **Quantitative Results**
  Compares to GFAAS
- **Connectivity**
  Optional data management system

TO LEARN MORE 800-305-0197 | MagellanDx.com | LeadCare@magellandx.com

LeadCarePlus

TECHNICAL SPECIFICATIONS

Dimensions	9.0" x 6.5" x 3.5"
Weight	Approximately 3 lbs
Sample volume	50 µL
Sample type	Capillary
Sample stability	72 hours (post-draw)
Analytical range	1.9-65 µg/dL
Sample analysis time	3 minutes
Sample throughput†	15-20/hour
Technical experience/ training required	Low/Minimal
Method development	None required
Annual maintenance	None
Daily maintenance	30 seconds
Test method	Electrochemical with disposable sensors
Quality control	Two levels (included in test kit)
Calibration	Electronic calibration
Certification	CE, ETL
Consumables	96 tests per kit, room temperature stable
Connectivity	Optional data management system (HL7 2.5.1)

†Therateatwhichsamplescanbeanalyzed,excludingsamplepreparation.

The Simplest Solutions for Blood Lead Testing

The LeadCare platform has been used in clinical labs for twenty years. We are proud to provide a family of FDA-cleared systems offering the simplest way to perform clinical blood lead testing.

PRECISION

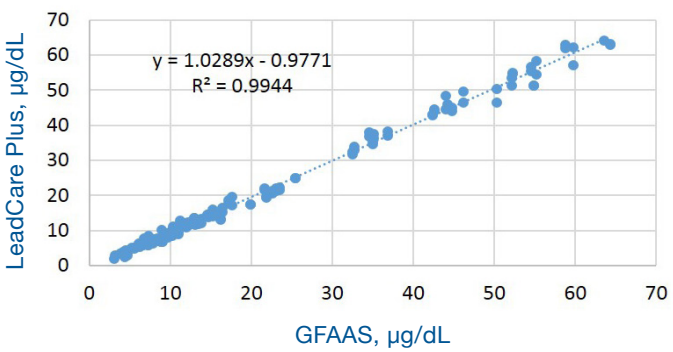
The precision of the LeadCare Plus Blood Lead Testing System was determined by testing samples at six concentration levels over twenty days. The results are provided below.

Mean µg/dL	Within Run SD	Within Run %CV	Total SD	Total %CV
3.1	0.44	14.1%	0.49	15.6%
5.1	0.44	8.5%	0.50	9.6%
11.7	0.64	5.3%	0.71	6.0%
24.7	0.80	3.2%	1.00	4.0%
45.4	1.61	3.5%	1.71	3.7%
59.1	1.89	3.2%	2.42	4.0%

ACCURACY

The accuracy of the LeadCare Plus Blood Lead Testing System was determined by a Method Comparison study. A total of 169 samples spanning the analytical range of 1.9-65.0 µg/dL were compared to GFAAS.

METHOD COMPARISON
LeadCare Plus vs GFAAS
N=169



Magellan Diagnostics

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