

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



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)		

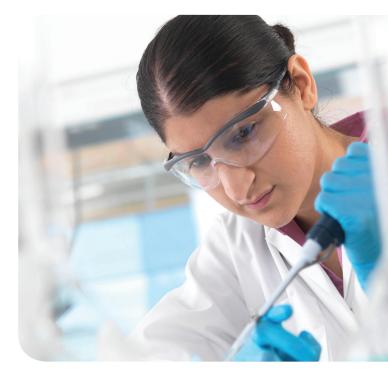
[†] The rate at which samples can be analyzed, excluding sample preparation.

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.



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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	Within Run		Total	
μg/dL	SD	%CV	SD	%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 μ g/dL were compared to GFAAS.

