

Chemiluminescence Immunoassay Analyzer For Anemia ,Thrombus ,Bone Metabolism

Mini-CLIA



Technical Specification:

Instrument type:	Bench-top Automatic Chemiluminescence Analyzer
Throughput:	Up to 8 samples or assays per run
Measuring time:	20 -40 mins
Measuring principle:	Cheiluminescent Microparticle Immunoassay(CMIA)
Sampling material:	Serum/Plasma
Test mode:	Batch mode
Test speed:	>32 tests/hour
Calibration:	Factory Calibration, 2-point calibration every 90 days
Quality Control:	2 level-Lyophilised Quality Controls available
Monitor/Keyboard:	LCD Touchscreen
PC:	Integrated
Interface:	USB, RS232, Ethernet port supports LIS connection
Data storage:	Automatically stored
Weight:	25KGS
Dimensions:	525*480*530mm

Instrument Features

Industry-leading precision and accuracy	High level of accuracy from chemiluminescence technology
Flexible, reliable testing	- Ability to run serum/plasma samples 8 simultaneous tests in under 20 minutes - Flexibility to perform any of the assays
Simple. User-friendly	- Single test reagent cartridge - Color touchscreen controls - Less than 4 steps to get accurate result
Quality and Compatibility	- Easily interfaces with Laboratory Information Systems - L-J, Westguard QC

Chemiluminescence Immunoassay System-Anemia ,Thrombus ,Bone Metabolism

Mini-CLIA



■ PRECISE ■ CONVENIENT ■ EFFICIENT



ISO 13485

Performance for Anemia/Bone Metabolism /Thrombus Chemiluminescence Test

Name	Specimen	Items Type	LOD	Linearity (r≥0.990)
Vb12	Serum/Plasma	Anemia	50pg/mL	50-2000pg/mL
Ferritin	Serum/Plasma	Anemia	1ng/mL	2-2000ng/mL
25-OH-Vitamin D	Serum/Plasma	Bone Metabolism	4ng/mL	4-160.0ng/mL
PTH	Serum/Plasma	Bone Metabolism	2pg/mL	2.0-5000pg/mL
D-Dimer	Plasma	Thrombus	0.05 μg/mL	0.1-20 μg/mL

Vitamin B12 (VB12) Assay Reagent Kit (CMIA)	
CV%	QC-L=4.81%;QC-M=2.71%;QC-H=3.19%
Compared with a commercially available immunoassay	y=0.9754x+10.4256; r=0.9831; n=102

Ferritin (Fer) Assay Reagent Kit (CMIA)	
CV%	QC-L=5.23%;QC-M=3.87%;QC-H=4.72%
Compared with a commercially available immunoassay	y=0.9732x-0.2375; r=0.9803; n=107

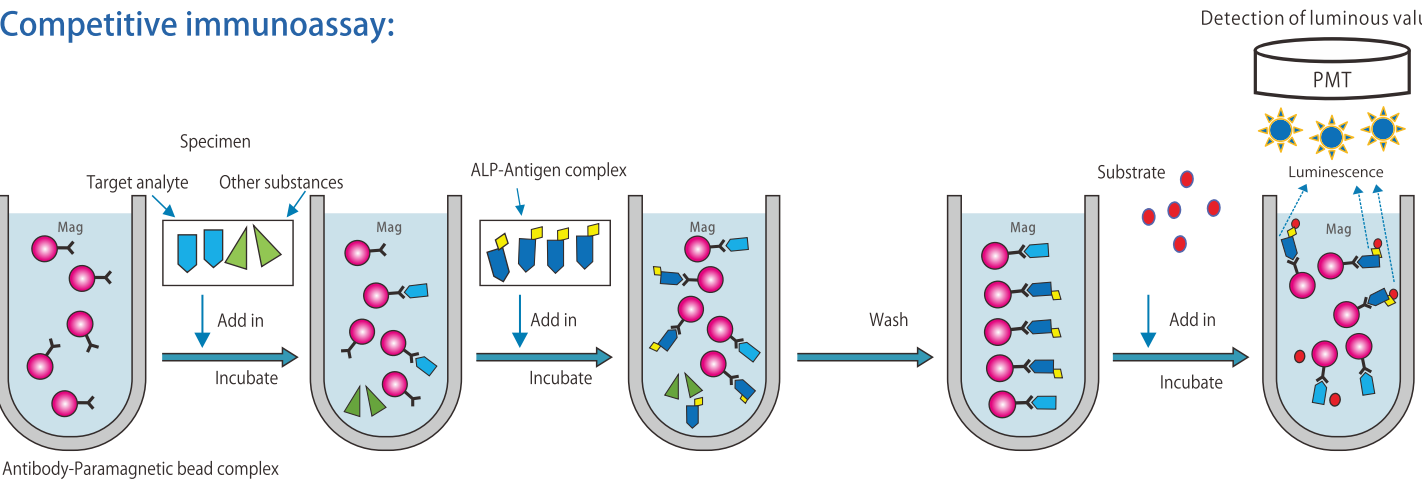
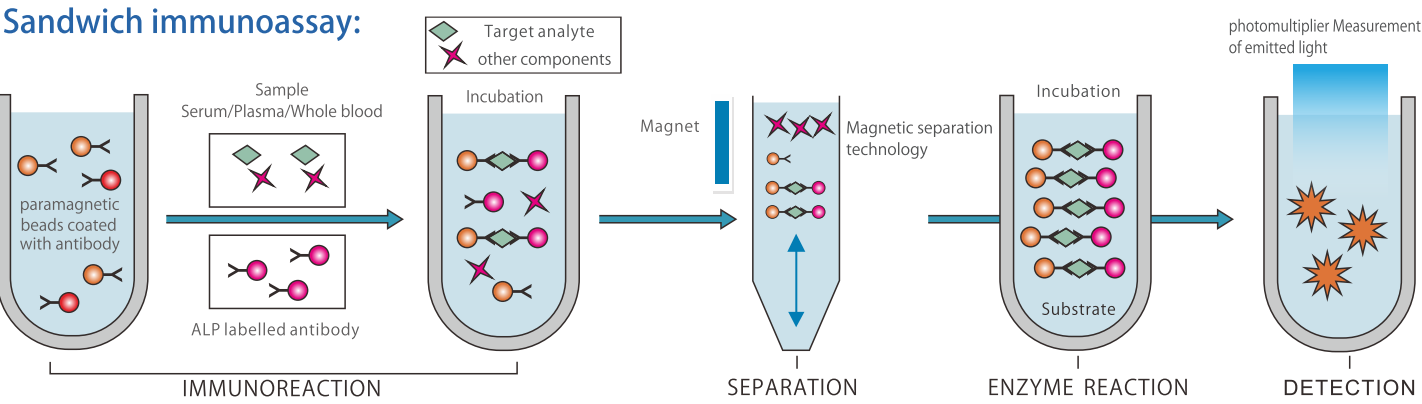
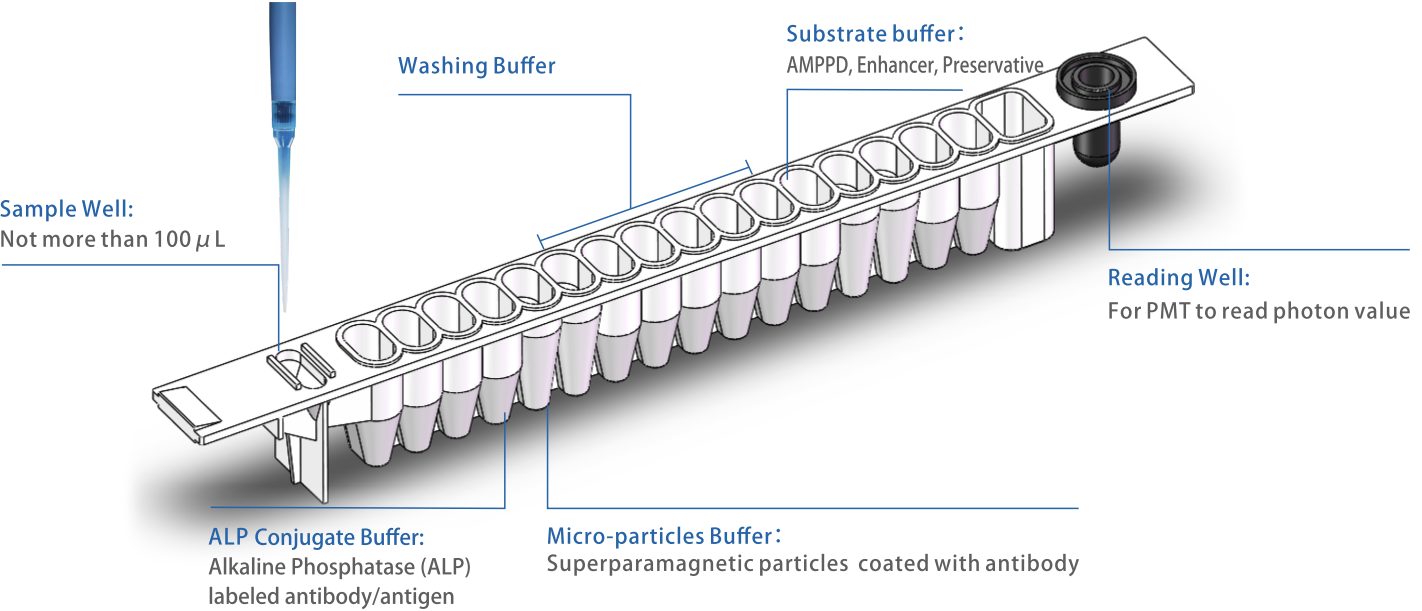
25-Hydroxy Vitamin D (25-OH VD) Assay Reagent Kit (CMIA)	
CV%	QC-L=6.88%;QC-M=7.37%;QC-H=7.19%
Compared with a commercially available immunoassay	y=1.0288x-0.176; r=0.9869; n=121

Parathyroid Hormone (PTH) Assay Reagent Kit (CMIA)	
CV%	QC-L=7.19%;QC-M=5.33%;QC-H=6.63%
Compared with a commercially available immunoassay	y=1.0322x-0.3593; r=0.9756; n=87

D-Dimer (DD) Assay Reagent Kit (CMIA)	
CV%	QC-L=4.59%;QC-M=3.72%;QC-H=4.44%
Compared with a commercially available immunoassay	y=1.0911x-0.0209; r=0.9766; n=96

Mini-CLIA Anemia ,Thrombus ,Bone Metabolism Reagents

Reagent Cartridge:



Reagent features:

- State-of-the-art Chemiluminescence test method
- Single test concept, one sample, one cartridge, one result
- Precision: CV< 10 %
- Original Reagents, Calibrators & Quality controls with traceability system
- 18 months actual period of validity, 90 days calibration validity period