



Thyroid Function	Fertility Hormones	Tumor Markers	Infectious Diseases*
TSH TT3 TT4 FT3 FT4 Anti-TG Anti-TPO TRAb* Tg*	β-HCG AMH E2 LH Prog PRL FSH Tes hGH 17-OH Prog* DHEA-SO4*	AFP CEA CA 125 CA 19-9 f-PSA t-PSA NSE* HE4* SCC* CYFRA21-1* proGRP* CA72-4* CA50*	HBsAg HBsAb* HBeAg* HBeAb* HBcAb* HIV Ag/Ab anti-TP anti-HCV anti-HAV IgM* anti-HBc IgM* HBV PreS1* anti-HDV IgM* anti-HDV IgG* anti-HEV IgM* anti-HEV IgG*
Autoimmune ANA*	Torch Eugenics*	Hypertension*	Cardiac Markers
SSA(Ro52)* SSA(Ro60)* SSB(La)* Sm* Sm/RNP* Scl-70* Jo-1* His* AMA-M2* CENP-B* Rib-P* dsDNA* Nuc* PCNA* PM-Scl*	TOXO IgG* TOXO IgM* Rubella IgG* Rubella IgM* CMV IgG* CMV IgM* HSV 2 IgG* HSV 1/2 IgG* HSV 1/2 IgM*	ALD* Renin* Corti* ACTH* Angio-2*	MYO CKMB cTnI NT-proBNP
Prenatal Screening*	Autoimmune Diabetes*	Autoimmune Hepatitis*	
uE3* Free β-HCG* PAPP-A*	IAA* GADA* ICA* IA-2A*	AMA-M2* LKM* Sp100* SLA*	
Anemia	Glycometabolism	Inflammation	
Ferritin Folate Vitamin B12	C-Peptide Insulin	PCT IL6	
Autoimmune Rheumatoid			
Anti-CCP			

The items marked with * are under validation

Technical Specifications

Performance	Technology: Automatic/single tube CLIA Principle: Acridinium Ester (AE) Direct Chemiluminescence Immunoassay Technology Throughput: 180 Tests/hour Time to the first result: 14min for any cardiac profile test, 28 min for others
Sample Module	Sample loading capacity: 50, loading with sample racks. Automatic retest, STAT samples could be placed randomly and tested preferentially
Sample Loading System Module	Sample carry-over <0.1ppm Foam/Clot and Liquid level detection / Volume tracking / Collision-avoidance Sample type: Serum /Plasma /Whole blood /Urine
Reagent Module	30 reagent positions Information management through Radio Frequency Identification Card (RFID) Real-time, onboard mixture of magnetic beads Reagent online replacement
Consumable Module	Loading capacity of cuvettes: 1200 Cuvettes Loading by dumping
Detection Module	Reaction temperature: 37°C Mode: Compatible with the common immunoreaction Mixing: Non-contact Stir Magnetic separation: Multiple magnetic separation technology
Function	Operation system: Windows 7 and above Display: LCD touchscreen Remote diagnosis system Automatic start up & shutdown
Environmental Requirements	Bi-directional communication Temperature: 10°C-30°C Humidity: 30%-70% Altitude: -200m-3700m

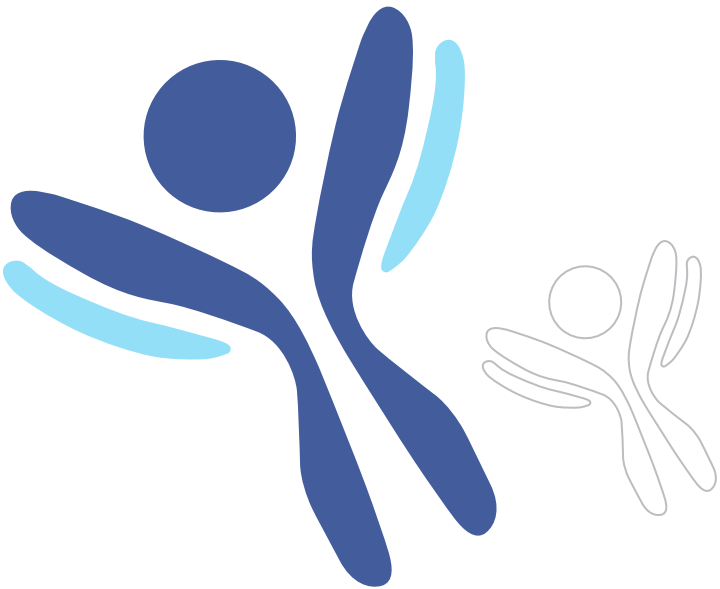
EN ISO 13485:2016



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IMMINENT
LOGIC



ADL/BR/Mispa-i180/804-01/26 Company reserves the right to change any design and technical features of the product at any time, If needed.

Mispa i180

Automatic Chemiluminescence Analyzer

YOUR BEST PARTNER IN DIAGNOSTICS

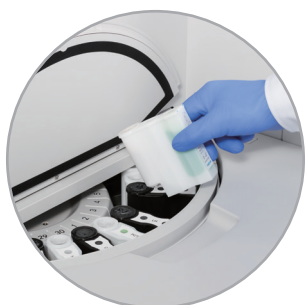
Mispa-i180 Automatic Chemiluminescence Immunoassay System uses the magnetic micro-particles based, Acridinium Ester (AE) direct chemiluminescence technology. The design orientation of Mispa-i180 could not only meet the routine test requirements of medium and small hospitals, but also provide support to the assay development and STAT testing of large hospitals. The mature compatible system of instrument and reagents, and strict system of metrological traceability could ensure the test results are accurate and reliable.



Used cuvettes recycling to separate the solid and liquid, which will efficiently reduce the biological safety risks.



Cuvettes loading by dumping with a capacity of 1200 cuvettes at a time.



30 refrigerated reagent positions, RFID management for reagent info, online reagent replacement.



Random STAT Sample facility for preferential testing.



RFID management for activators
Special design to prevent the activators to be placed incorrectly.



- Less consumables
- Interference factors have less effect
- Easy to conjugate with proteins
- Substrates can be stored at room temperature



- **5 sample loading channels**
Auto scan and identify sample barcode for **50 sample positions** can be added cyclically
- Cost efficient reaction protocol **sample is added first to the cuvette**



Indian IVD Manufacturer to Commission In-House CLIA Reagents & Instrument Production Line

Ready to Use | Convenient Pack Sizes
CALIBRATORS INCLUDED IN THE KIT

Direct Replaceable Packs
Prevents Special Assays from Light Interference



- 30 refrigerated reagent positions – **More parameters can be loaded at a time**
- Online real-time mixing for reagents – **Optimized operations**
- Online reagent replacement – **Continuous reagent loading during operation possible - saves time**
- RFID management for reagent info – **Larger info storage compared with barcode**