

iFlash Test Panels

Main Stream Hormonology	Reproductive Health	Autoimmunity	Infection
Thyroid TSH Anti-TPO Anti-TSHR Tg Anti-Tg FT3 FT4 T3 T4 Tumor Markers PG I PG II AFP CEA CA 125 CA 15-3 CA 19-9 Free PSA Total PSA CYFRA 21-1 NSE Anemia Ferritin Folate Vitamin B12 Cardiac Markers CK-MB Myoglobin Troponin-I BNP Bone Metabolism 25-OH Vitamin D PTH Metabolism Insulin C-Peptide Cortisol ACTH Adiponectin Liver Fibrosis HA PIIIPN-P Col IV Laminin	Fertility AMH Inhibin B Inhibin A LH FSH HCG Prolactin DHEA-S Unconjugated Estriol E2 PAPP-A free βHCG Progesterone Testosterone ToRCH Toxo IgG Toxo IgM CMV IgG CMV IgM HSV-1 IgG HSV-2 IgG HSV-1 IgM HSV-2 IgM Rubella IgG Rubella IgM Anti-Phospholipid Syndrome Anti-Cardiolipin Cardiolipin IgM Cardiolipin IgG Cardiolipin IgA Anti-β2-Glycoprotein I β2-Glycoprotein I IgM β2-Glycoprotein I IgG β2-Glycoprotein I IgA * Without CE ** Coming Soon	Rheumatoid Arthritis Anti-CCP RF IgG RF IgM RF RA33 IgG Connective Tissue Disease ANA dsDNA IgG Sm IgG SS-A IgG SS-B IgG Scl-70 IgG Jo-1 IgG RNP70 IgG Autoimmune Liver SMA IgG AMA-M2 Vasculitis Diagnostics PR3 IgG GBM IgG MPO IgG Autoimmune Diabetes IA-2A IAA GADA ICA ZnT8A Celiac Disease tTg IgA ** tTg IgG ** DGP IgA ** DGP IgG **	EBV EB VCA IgG EB VCA IgM EB VCA IgA EB EA IgM EB NA IgG EB NA IgA Respiratory Disease Mycoplasma pn. IgG Mycoplasma pn. IgM Chlamydia pn. IgG Chlamydia pn. IgM Blood Bank Anti-TP (Syphilis) Anti-HCV * HBsAg * Anti-HBs * HBeAg * Anti-HBe * Anti-HBc * HIV Combo * Inflammation PCT Novel Coronavirus iFlash-2019-nCoV IgM iFlash-2019-nCoV IgG iFlash-2019-nCoV IgA iFlash-2019-nCoV Ag iFlash-2019-nCoV NAb



Specifications

General Information	
Throughput	Up to 120 tests/hour
Time to first result	13 minutes
Detection principle	Magnetic particle-based direct Chemiluminescence
Chemiluminescence label	Acridinium Ester
Sample Supply System	
Sample position	16 sample positions with STAT function
Sample tube	Microcup and blood collecting tube
Sample volume	5~150 μL
Reaction vessels loader capacity	500 pcs, allows continuous loading
Reagent System	
Reagent position	15 reagent positions with on-board refrigeration
Reagent carousel temperature	2-8°C
Reagent detection	Reagent level tracking
Reagent pack	100 tests/kit
Auto dilution	Maximum of 1:400 (for valid test)
Reaction Carousel	
Capacity	48 reaction vessels
Incubation temperature	37.0°C±0.3°C
Mixing system	Non-contact vortex mixer
Operating Conditions	
Power supply	100~240 V, 50/60 Hz
Power consumption	600 VA
Temperature	10~30°C
Ambient humidity	20%~85%RH (without condensation)
Atmospheric pressure	61.6kPa~106.0 kPa
Dimensions	930 mm (W) × 710 mm (D) × 650 mm (H)
Weight	120 KG

YHLO

SHENZHEN YHLO BIOTECH CO., LTD.



iFlash I200
Chemiluminescence
Immunoassay Analyzer

iFlash 1200

Chemiluminescence Immunoassay Analyzer

Embrace CLIA Today

iFlash 1200 is the newly-joined member of the iFlash family, offering an unparalleled workstation to the low-mid volume testing laboratories, especially with limited floor space. Like the other members of the iFlash family, it shares the same product assortment.

Moreover, iFlash 1200 offers an extensive and expanding immunoassay test menu including autoimmunity, infection, reproductive health, and routine panels.

iFlash 1200, an easy-to-use and automated instrument, commits to meet the demands of higher efficiency and less cost.

Intelligent

Predictable results delivery time
Reflex, auto-dilution, and auto rerun function

Flexible

Calibrators are included in the kits
A broader assay menu requires less outsourcing

Liberate

Automated RV (reaction vessels) loading
Continuous reagent and sample loading

Accurate

Stable system temperature control
Non-contact vortex mixer minimize carry-over

Smaller

Consolidation (120 parameters) meets compact size

Harmonious

Reagents and consumables are compatible
with the iFlash series



iFlash 1200 is designed to meet the various users' needs.



Dedicated analyzer
for unique parameters



Special testing panels
for mid-volume testing labs

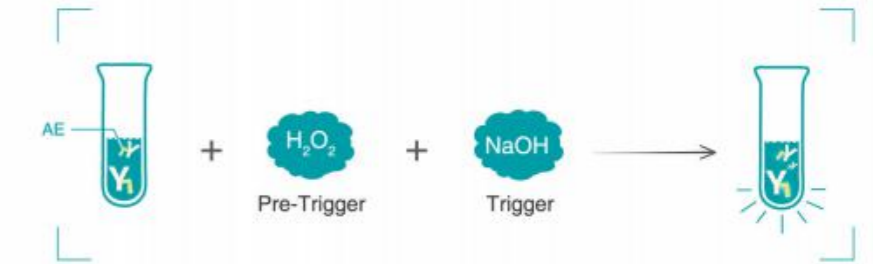


Primary analyzer for the
labs with space limitation

iFlash 1200 uses advanced acridinium ester-labeled chemiluminescence technology.

For chemiluminescence systems, acridinium ester (AE) tends to be relatively simple with a smaller size compared to other labels. It can emit light directly in alkaline-hydrogen peroxide solution without the need for enhancers or catalysts. The application of chemiluminescence immunoassay provides lots of advantages, including:

- Low background noise
- High signal-to-noise ratio
- Few interferences in the reaction
- More stable labelling process
- High luminous efficiency & intensity



Emission light intensity reaches the maximum in seconds.

