

iFlash Test Panels

Main Stream Hormonology	Reproductive Health	Autoimmunity	Infection
Thyroid TSH Anti-TPO Anti-TSHR Tg Anti-Tg FT3 FT4 T3 T4	Fertility AMH Inhibin B Inhibin A LH FSH HCG Prolactin DHEA-S Unconjugated Estriol E2 PAPP-A free βhCG Progesterone Testosterone 17α-OH-P ** Androstenedione ** SHBG ** hGH **	Rheumatoid Arthritis Anti-CCP RF IgG RF IgM RF RA33 IgG	EBV EB VCA IgG EB VCA IgM EB VCA IgA EB EA IgM EB NA IgG EB NA IgA
Tumor Markers PG I PG II AFP CEA CA 125 CA 15-3 CA 19-9 Free PSA Total PSA CYFRA 21-1 NSE ProGRP ** SCC ** CA242 ** HE4 ** CA50 ** CA72-4 **	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	Connective Tissue Disease ANA dsDNA IgG Sm IgG SS-A IgG SS-B IgG Scl-70 IgG Jo-1 IgG RNP70 IgG	Respiratory Disease Mycoplasma pn. IgG Mycoplasma pn. IgM Chlamydia pn. IgG Chlamydia pn. IgM
Anemia Ferritin Folate Vitamin B12	Anti-Phospholipid Syndrome Cardiolipin IgG Cardiolipin IgM Cardiolipin IgA Anti-Cardiolipin β2-Glycoprotein I IgG β2-Glycoprotein I IgA β2-Glycoprotein I IgM Anti-β2-Glycoprotein I	Autoimmune Liver SMA IgG AMA-M2	SARS-CoV-2 2019-nCoV IgM 2019-nCoV IgG 2019-nCoV IgA 2019-nCoV Ag 2019-nCoV NAb SARS-CoV-2 IgG-S
Cardiac Marker CK-MB Myoglobin Troponin-I BNP NT-proBNP ** D-Dimer **		Vasculitis Diagnostics PR3 IgG GBM IgG MPO IgG	Blood Bank Anti-TP (Syphilis) Anti-HCV HBsAg Anti-HBs HBsAg Anti-HBe Anti-HBc HIV Combo
Bone Metabolism 25-OH Vitamin D PTH		Autoimmune Diabetes IA-2A IAA GADA ICA ZnT8A	Inflammation PCT IL-6 **
Metabolism Insulin C-Peptide Cortisol ACTH Adiponectin	** Coming Soon	Celiac Disease tTg IgA tTg IgG DGP IgA DGP IgG	
Liver Fibrosis HA PIIIPN-P Col IV Laminin		Allergy Total IgE **	



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 reaction vessels reserve for continuous loading
Reagent System	
Reagent position	15 positions with on-board refrigeration
Reagent carousel temperature	2-8°C
Reagent detection	Reagent level tracking
Reagent pack	2 x 50 tests per 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 eccentric 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	61.6 kPa-106.0 kPa
Dimensions	930 * 710 * 650mm (L*W*H)
Weight	120 kg

Local Distributor:

P/N: ENG-C034-202209

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iFlash I200
**Chemiluminescence
Immunoassay Analyzer**

iFlash I200

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

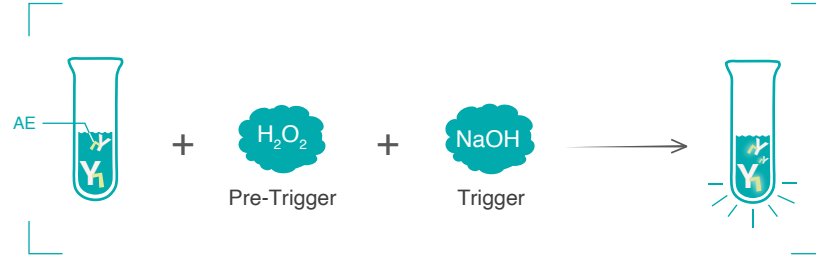


Primary analyzer for the
labs with space limitation

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.

