

SPECIFICATIONS	
Performance	Technology: Automatic /single tube Principle: Acridinium. Ester (AE) Direct Chemiluminescence immunoassay technology. Throughput: 200 Tests/h for one module. Time to the first result: 14min.
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	20 reagent positions Information management through Radio Frequency Identification Card (RFID) Real-time, onbaord mixture of magnetic beads Reagent online replacement
Reagent Refrigerator	Temperature: 2-8 °C
Detection Module	Reaction temperature: 37°C Mode: Compatible with the common immunoreaction Mixing: Non-conatact Stir Magnetic separation: Multiple magnetic separation technology
Function	Operation system: Windows 7 and above Display: LCD touch screen Remote diagnosis system Automatic startup & shutdown Bi-directional communication
Environmental Requirements	Temperature: 10°C-30°C Humidity: 30%-70% Altitude: -200m-3700m

NOTICE: This brochure is for reference purpose only and subject to change without notice.

MACCURA BIOTECHNOLOGY CO., LTD.

Add: 8#, 2nd Anhe Road, Hi-tech Zone, 611731 Chengdu
Tel: +86 28 8173 1888
E-mail: maccura@maccura.com www.maccura.com

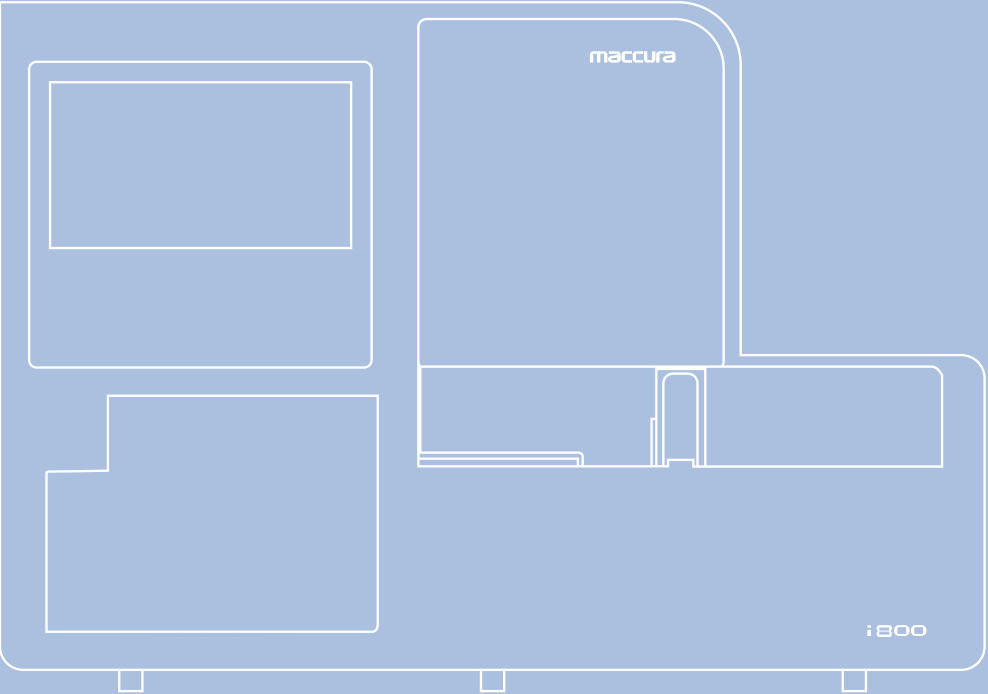
2023-05-11 i 800



i800

maccura

AUTOMATIC
CHEMILUMINESCENCE
ANALYZER



Small size

- 1. compact bench-top design
- 2. Touch screen operation

Reliable

- 1. Minimized cross-contamination, carry-over less than 0.1PPM.
- 2. Stable incubation temperature control.
- 3. Excellent correlation with reference methods.

More efficiency

- 1. up to 200 tests per hour.
- 2. only 14 minutes to first result.
- 3. large capacity for reagents and samples.



AE-based CLIA

- 1. Acridinium ester-labeled chemiluminescence method.
- 2. Low background noise.
- 3. High luminous efficiency & intensity.

Tech

- 1. Multiple magnetic separation system reduce magnetic beads lossing.
- 2. Non-contact mixing make reagents always in good condition.
- 3. 4-step washing system ensure complete reaction.

Kit information

Products name	Sales Specification	Ref No.
GDF-15 Chemiluminescent Immunoassay Kit	2×50 Tests	IM4406155
hs-CRP Chemiluminescent Immunoassay Kit	2×50 Tests	IM4406303
Pepsinogen I Chemiluminescent Immunoassay Kit	2×50 Tests	IM4406127

Application Situation

Blood Bank
CDC

Small-Middle Size Laboratories
GDF-15



i800 Automatic Chemiluminescence Analyzer 200T/H



AE Reagents

Test Menu

INFECTIOUS DISEASES		AUTOIMMUNE ANAS		TUMOR MARKERS		ANEMIA
HBsAg	anti-HAV IgM	SSA(Ro52)	AMA-M2	AFP	PG II	Ferritin
HBsAb	anti-HBc IgM	SSA(Ro60)	CENP-B	CEA	NSE	Folate
HBeAg	HBV PreS1	SSB(La)	Rib-P	CA125	CYFRA21-1	VB12
HBeAb	anti-HDV IgM*	Sm	dsDNA	CA15-3	SCC	
HBcAb	anti-HDV IgG *	Jo-1	Nuc	CA19-9	CA50	
HIV Ag/Ab	anti-HEV IgM *	Sm/RNP	PCNA	t-PSA	pro-GRP	ALLERGY
anti-TP	anti-HEV IgG *	Scl-70	PM-Scl	f-PSA	CA242	IgE
anti-HCV		His		PG I	CA72-4	
				HE4		
PRENATAL SCREENING		THYROID FUNCTION		TORCH EUGENICS		HYPERTENSION
AFP		TSH	anti-TPO	TOXO IgG	CMV IgM	ALD
uE3 *		FT4	anti-TG	TOXO IgM	HSV 1 IgG	Renin
Freeβ-HCG *		TT4	TRAb *	Rubella IgG	HSV 2 IgG	Corti
PAPP-A *		FT3	Tg	Rubella IgM	HSV 1 IgM	ACTH
		TT3	Calcitonin	CMV IgG	HSV 2 IgM	Angio-2 *
SEX HORMONES		CARDIAC MARKERS		AUTOIMMUNE HEPATOSIS*		INFLAMMATION
LH	AMH	CK-MB	BNP	AMA-M2		PCT
FSH	hGH	cTnl	GDF-15	LKM		IL-6
PRL	β-HCG	Myo	hs-CRP	sp100		
Prog	17-OH Prog *	NT-Pro BNP	hs-cTnT *	SLA		GLYCOMETABOLISM
Tes	DHEA-SO4 *	D-dimer	hs-cTnl *			C-Peptide
E2						Insulin
AUTOIMMUNE RHEUMATIC DISEASE		AUTOIMMUNE DIABETES*		BONE METABOLISM		
anti-CCP		IAA	ICA			25-OH VD
RF		GADA	IA-2A			iPTH