

Hotgen 



C800

Automatic Chemiluminescence Immunoassay Analyzer

CE NMPA

REAGENT POSITION:

12 reagent positions, reagent compartment
2-8 °C 24 hours non-stop refrigeration

SAMPLE NEEDLE FUNCTION:

Liquid level, steel probe, clot detection,
bubble detection;
high spiking accuracy: 10uL \leq 5%,
not more than 200uL \leq 2%.

SUBSTRATE MODULE:

Support substrate continuous
replacement, substrate bubble
detection.

CONSUMABLES LIBRARY:

300 reaction cups, feeding
support bulk reaction cups,
support for continuous adding

EQUIPMENT EXPANSION:

Support LIS system connection;
USB 3.0 interface;



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Specifications

Detection Principle	AMPPD-Magnetic Particle Chemiluminescence
Throughput	150T/H
Sample Positions	30
Reagent Positions	12
First Report Time	17 min
Sample Types	Whole blood, Serum, plasma, urine
Sample Loading Needle	Steel needle
Sample Remove Needle	Steel needle
Dimensions (L x W x H)	520 x 760 x 650 mm

Features



Precise:

Multiple quality control, intra-batch CV \leq 8%

Fast:

First results in 17 minutes, up to 150T/hour

Easy to operate:

Fully automated sample loading, dilution, incubation and detection

Compact:

Equipment occupies <0.4 m², efficient integration

Comprehensive:

More than 100 items

Panel	Parameter	Qualification	Sample Type	Panel	Parameter	Qualification	Sample Type
Cardiac	hs-cTnT	CE IVDR	S/P/WB	Growth Hormone	GH	NMPA, CE IVDR	S/P
	hs-cTnI	NMPA, CE IVDR, ANVISA	S/P/WB		IGFBP-3	NMPA, CE IVDR	S/P
	CK-MB	NMPA, CE IVDR, ANVISA	S/P/WB		IGF-1		
	MYO	NMPA, CE IVDR, ANVISA	S/P/WB	HbA1c	NMPA, CE IVDR	WB	
	H-FABP	NMPA, CE	S/P/WB	C-P	NMPA, CE	S/P	
	Lp-PLA2	NMPA, CE	S/P/WB	INS	NMPA, CE	S/P	
	NT-proBNP	NMPA, CE IVDR, ANVISA	S/P/WB	ADP	NMPA	S/P	
	BNP	NMPA, CE IVDR	S/P/WB	GADA	NMPA, CE IVDR	S/P	
	ST2	NMPA, ANVISA	S/P/WB	IA-2A	NMPA, CE IVDR	S/P	
	cTnI	NMPA	S/P/WB	IAA	NMPA, CE IVDR	S/P	
Inflammation	D-Dimer	NMPA, CE IVDR	P/WB	ICA	NMPA, CE IVDR	S/P	
	PCT	NMPA, CE IVDR, ANVISA	S/P/WB	Cortisol	NMPA, CE	S/P/Urine	
	PCTm	NMPA	WB	ALD	NMPA, CE	S/P	
Tumor	CRP	NMPA, CE IVDR	S/P/WB	Renin	NMPA, CE	P	
	IL-6	NMPA, CE IVDR, ANVISA	S/P/WB	ACTH	NMPA	P	
	CEA	NMPA, CE IVDR	S/P	25-OH-VD	NMPA, CE IVDR	S/P	
	CA125	NMPA, CE IVDR	S/P	PTH	NMPA, CE	S/P	
	HE4	NMPA, CE IVDR	S/P	BGP	NMPA, CE	S/P	
	CYFRA21-1	NMPA, CE IVDR	S/P	Total P1NP	NMPA	S/P	
	CA15-3	NMPA, CE IVDR	S/P	β-CTx	NMPA	S/P	
	CA242	NMPA, CE IVDR	S	Anti-CCP	NMPA, CE IVDR	S/P	
	CA19-9	NMPA, CE IVDR	S/P	RF-IgA	NMPA	S/P	
	CA72-4	NMPA, CE IVDR	S/P	RF-IgM	NMPA	S/P	
Liver Disease	CA50	NMPA	S/P	RF-IgG	NMPA	S/P	
	NSE	NMPA, CE IVDR	S	IL-2	NMPA, CE	S	
	proGRP	NMPA, CE IVDR	S/P	IL-4	NMPA	S/P	
	SCCA	NMPA, CE IVDR	S/P	IL-5	NMPA	S	
	tPSA	NMPA, CE IVDR	S/P	IL-8	NMPA, CE	S	
	VEGF	NMPA	S	IL-10	NMPA, CE	S	
	fPSA		S	IL-1β	NMPA, CE	S	
	TK1	NMPA	S/P	TNFα	NMPA, CE	S	
	AFP	NMPA, CE IVDR	S/P	IL-2R	NMPA	S/P	
	AFP-L3%	NMPA, CE	S/P	IL-17A	NMPA	S/P	
Gastric Function	DCP	NMPA, CE	S	IFN-γ	NMPA	S/P	
	GP73	NMPA, CE	S/P	IL-12p70	NMPA	S	
	CK18-M30	NMPA	S	IL-22	NMPA	S	
Renal Function	CK18-M65	NMPA	S	Toxo IgG			
	G-17	NMPA, CE IVDR	S/P	Toxo IgM			
	PGI	NMPA, CE IVDR	S/P	RUB IgG			
Brain Injury	PGII	NMPA, CE IVDR	S/P	RUB IgM			
	NGAL	NMPA, CE	S/Urine	CMV IgG			
Anemia	CysC	NMPA, CE	S/P/WB	CMV IgM			
	β 2-MG			HSV-1/2 IgG			
Thyroid	S100	NMPA	S	HSV-1/2 IgM			
	Ferr	NMPA, CE	S/P	HSV-1 IgG			
	VB12	NMPA, CE IVDR	S/P	HSV-1 IgM			
	FA	NMPA, CE IVDR	S/P	HSV-2 IgG			
	TSH	NMPA, CE IVDR, ANVISA	S/P	HSV-2 IgM			
	TT4	NMPA, CE IVDR	S/P	PCT STAT	NMPA	S/P	
	TT3	NMPA, CE IVDR, ANVISA	S/P	H-FABP STAT	NMPA	S/P	
	FT4	NMPA, CE IVDR, ANVISA	S/P	NGAL STAT	NMPA	S	
	FT3	NMPA, CE IVDR, ANVISA	S/P	MYO-STAT	NMPA	S/P	
	Anti-TG	NMPA, CE IVDR	S/P	BNP-STAT	NMPA	P	
Sex Hormone	Anti-TPO	NMPA, CE IVDR	S/P	IL-6-STAT	NMPA	S/P	
	TG	NMPA, CE IVDR	S/P	D-Dimer STAT	NMPA	P	
	Anti-TSHR			NT-proBNP STAT	NMPA	S/P	
	FSH	NMPA, CE IVDR	S/P	hs-cTnI STAT	NMPA	S/P	
	E2	NMPA, CE IVDR	S/P	CK-MB STAT	NMPA	S/P	
	T	NMPA, CE IVDR	S/P	HBsAg			
	P	NMPA, CE IVDR	S/P	HCV-Ab			
	LH	NMPA, CE IVDR	S/P	HIV-Ab/Ag			
	PRL	NMPA, CE IVDR	S/P	TP-Ab			
	AMH	NMPA, CE IVDR	S				
β -HCG	NMPA, CE IVDR	S/P					
Inhibin B							

• Available • Coming soon