



# AFS2100S

## Multichannel Fluorescent Immunoanalyzer

12 incubation channels, accurate and fast

# Multichannel Fluorescent Immunoanalyzer



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Dimensions: 336\*415\*415 mm •

### Large Display

- 10.1-inch LCD touching screen
- Intuitive user interface

### Test Channel

- 12 channels independent incubator
- Continuous putting card
- Built-in constant temperature incubator

### New UI Interaction

- Easy operating
- Android system

### ID Chip Inlet

- Automatically reading batch number and calibration information from ID chip

PERFORMANCE  
PARAMETERS

### Connection

- Direct connection to LIS/HIS

### Built-in Discard Box

- Low infection

### Built-in Thermal Printer

- Real-time auto-printing
- Support for external printers

Category	Item No.	Test Item	Sample	Reaction Time	Linearity Range	Qualification
Inflammation	SA.02.00002	CRP	S / P / WB	3 min	0.5-200 mg/L	CE NMPA
	SA.02.00115	CRP (Disposable sampling head)	S / P / WB / PB	3 min	0.5-200 mg/L	/
	SA.02.00004	PCT	S / P / WB	15 min	0.1-100 ng/mL	CE NMPA
	SA.02.00005	SAA	S / P / WB	15 min	2.0-100 mg/mL	CE NMPA
	SA.02.00006	IL-6	S / P / WB	15 min	3.0-4000 pg/mL	CE NMPA
	SA.02.00007	CRP / SAA	S / P / WB	15 min	CRP: 0.5-150 mg/L SAA: 0.5-300 mg/L	CE NMPA
	SA.02.00053	HBP / PCT	Plasma	15 min	HBP: 1-200 ng/mL PCT: 0.05-50 ng/mL	CE
	SA.02.00054	HBP	Plasma	15 min	5-300 ng/mL	CE
Sex Hormone	SA.02.00009	PROG	S / P / WB	15 min	1.2-120 nmol/L	CE
	SA.02.00010	FSH	S / P / WB	15 min	2-100 IU/L	CE
	SA.02.00011	LH	S / P / WB	15 min	2-100 IU/L	CE
	SA.02.00012	β-HCG	S / P / WB	15 min	4-10000 mIU/mL	CE
	SA.02.00013	PRL	S / P / WB	15 min	40-3000 μIU/mL	CE
	SA.02.00014	Cor	S / P / WB	15 min	0.5-36 μg/dL	CE
	SA.02.00015	AMH	S / P / WB	15 min	0.1-24 ng/mL	CE
	SA.02.00062	TESTO	Serum	15 min	0.2-20.0 ng/mL	CE
SA.02.00067	E2	S / P	15 min	10.0-3000.0 ng/L	CE	
Thyroid Hormone	SA.02.00016	TSH	S / P / WB	15 min	0.1-100 μIU/mL	CE
	SA.02.00017	T3	S / P / WB	15 min	0.77-6.0 nmol/L	CE
	SA.02.00018	T4	S / P / WB	15+10 min	15-300 nmol/L	CE
	SA.02.00057	FT3	S / P / WB	15 min	1.6-46 pmol/L	CE
SA.02.00058	FT4	S / P / WB	15+10 min	3.2-77.2 pmol/L	CE	
Growth Hormone	SA.02.00113	GH	S / P / WB	15 min	0.05-40 ng/mL	/
Cardiac Marker	SA.02.00001	CK-MB	S / P / WB	15 min	1-100 ng/mL	CE
	SA.02.00019	cTnl	S / P / WB	15 min	0.1-40 ng/mL	CE
	SA.02.00106	hs-cTnl (Detection Limit: 0.005ng/mL)	S / P / WB	13 min	0.02-50 ng/mL	/
	SA.02.00114	cTnl (Detection Limit: 0.04ng/mL)	S / P / WB	15 min	0.04-40 ng/mL	/
	SA.02.00020	Myo	S / P / WB	15 min	5-400 ng/mL	CE
	SA.02.00021	NT-proBNP	S / P / WB	15 min	50-20000 pg/mL	CE
	SA.02.00022	H-FABP	S / P / WB	15 min	3-100 ng/mL	CE
	SA.02.00023	D-Dimer	P / WB	15 min	0.1-10 mg/L	CE
	SA.02.00066	GDF-15	S / P	15 min	0.1-200.0 ng/mL	CE
	SA.02.00024	cTnl / Myo / CK-MB	S / P / WB	15 min	cTnl: 0.1-40 ng/mL CK-MB: 1-100 ng/mL Myo: 5-400 ng/mL	CE
SA.02.00025	cTnl / NT-proBNP	S / P / WB	15 min	cTnl: 0.1-40 ng/mL NT-proBNP: 50-20000 pg/mL	CE	
SA.02.00052	cTnT	S / P / WB	15 min	30.0-10000.0 pg/mL	CE	
Kidney	SA.02.00026	NGAL	S / P / WB	10 min	50-1000 ng/mL	CE
	SA.02.00027	mAlb	Urine	15 min	5-300 mg/L	CE
	SA.02.00028	CysC	S / P / WB	5 min	0.2-10 mg/L	CE
Diabetes	SA.02.00030	HbA1c	Whole Blood	5 min	2-14%	CE NMPA
	SA.02.00116	HbA1c (Disposable sampling head)	WB / PB	5 min	2-14%	/
	SA.02.00110	C-P	S / P / WB	15 min	0.4-30 ng/mL	/
Tumor Mark	SA.02.00034	CEA	S / P / WB	15 min	2.5-1000 ng/mL	CE
	SA.02.00035	AFP	S / P / WB	15 min	5-1000 ng/mL	CE
	SA.02.00036	PSA	S / P / WB	15 min	2.0-100.0 ng/mL	CE
	SA.02.00055	TK1	S / P	15 min	1-20 pmol/L	CE
	SA.02.00083	CA15-3	S / P / WB	15 min	10-1000 U/mL	CE
	SA.02.00084	CA125	S / P / WB	15 min	25-5000 U/mL	CE
	SA.02.00085	CA19-9	S / P / WB	15 min	5-1000 U/mL	CE
SA.02.00086	fPSA	S / P / WB	15 min	0.1-100 ng/mL	CE	

Category	Item No.	Test Item	Sample	Reaction Time	Linearity Range	Qualification
Infectious Disease	SA.02.00038	Dengue IgG / IgM	S / P / WB	15 min	0.1-100	CE
	SA.02.00041	HP-Ab	S / P / WB	15 min	0.01-100	CE 
	SA.02.00044	p.f / pan	Whole blood	15 min	0.1-100 ng/mL	CE
	SA.02.00045	RSV	N / OS	15 min	0.1-100 ng/mL	CE 
	SA.02.00046	Influenza A/B	N / OS	15 min	0.1-100 ng/mL	CE
	SA.02.00047	Strep A	N / OS	5 min	0.1-100	CE 
	SA.02.00048	Adenovirus	N / OS	15 min	0.1-100 ng/mL	CE 
	SA.02.00049	Mycoplasma IgM	S / P / WB	15 min	0.1-100	CE 
	SA.02.00051	Dengue NS1 Ag	S / P / WB	15 min	0.1-100	CE
	SA.02.00105	HBsAg	S / P / WB	15 min	0.1-100 ng/mL	/
	SA.02.00111	HIV	S / P / WB	15 min	0.1-100 ng/mL	/
	SA.02.00112	HCV	S / P / WB	15 min	0.1-100 ng/mL	/
	SA.02.00117	Toxo IgG / IgM	S / P	15 min	0.1-100 mg/L	/
	SA.02.00118	RV IgG / IgM	S / P	15 min	0.1-100 mg/L	/
	SA.02.00119	CMV IgG / IgM	S / P	15 min	0.1-100 mg/L	/
SA.02.00120	HSV-1 IgG / IgM	S / P	15 min	0.1-100 mg/L	/	
SA.02.00121	HSV-2 IgG / IgM	S / P	15 min	0.1-100 mg/L	/	
Stomach Health	SA.02.00033	PG I / II	S / P	15 min	PG I : 5-200 ng/mL PG II : 2.5-100 ng/mL	CE
	SA.02.00042	HP-Ag	Feces	15 min	1-500 ng/mL	CE 
	SA.02.00043	FOB	Feces	15 min	1-2000 ng/mL	CE
	SA.02.00056	G17	S / P / WB	15 min	1-50 pmol/L	CE 
	SA.02.00060	Calp	Feces	15 min	35.0-2100.0 µg/g	CE
Anaemia	SA.02.00059	VB12	S / P / WB	15 min	150-1500 pg/mL	CE
	SA.02.00061	Ferr	S / P / WB	15 min	5.0-1000.0 ng/mL	CE
	SA.02.00077	FA	S / P	15 min	1.0-20.0 ng/mL	CE
Rheumatism	SA.02.00072	CCP	S / P / WB	15 min	10.0-500.0 U/mL	CE
	SA.02.00073	ASO	S / P / WB	15 min	30.0-600.0 IU/mL	CE 
	SA.02.00074	RF	S / P / WB	15 min	10.0-120.0 IU/mL	CE
	SA.02.00075	RA33	S / P / WB	15 min	10.0-200.0 AU/mL	CE
Others	SA.02.00031	25-OH-VD	S / P	10 min	8-80 ng/mL	CE
	SA.02.00032	IgE	S / P	10 min	8-1000 IU/mL	CE
	SA.02.00076	INS	S / P / WB	15 min	2.0-500.0 mIU/L	CE 

Ps: Sample (S = Serum / P = Plasma / WB = Whole Blood / PB = Peripheral blood / N = Naso / OS = Oropharyngeal swab)

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