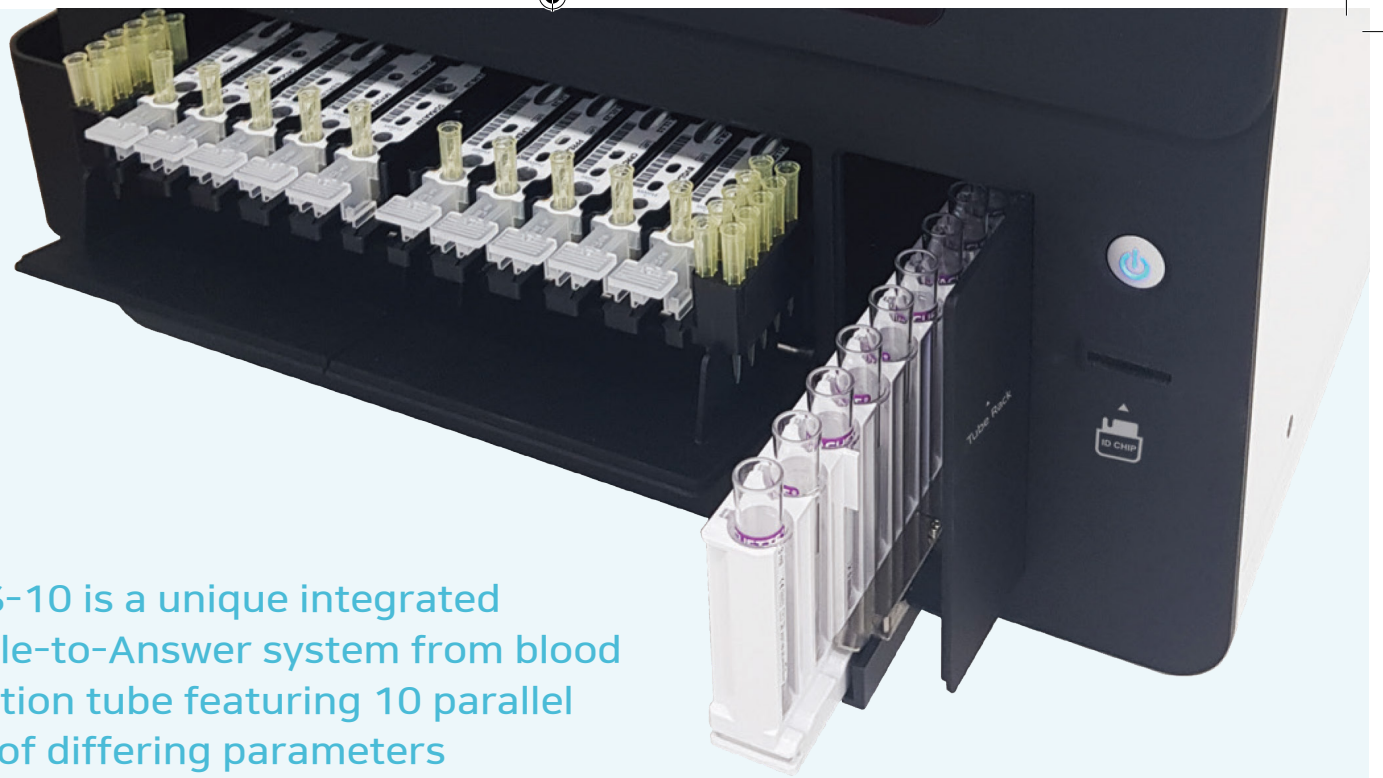


Automatic Fluorescence Immuno Assay System

AFIAS-10

- Automated process from blood collection tube
- 10 different tests in parallel
- STAT testing for emergency
- Bidirectional LIS/HIS connectivity





AFIAS-10 is a unique integrated Sample-to-Answer system from blood collection tube featuring 10 parallel tests of differing parameters

► Fully automated diagnostic system

- Sample loading to result
- PID barcode reading
- Various types of sample tube available
 - Blood collection tube (0.5 & 3 & 5 mL)
 - Microcentrifuge tube (0.5 & 1.5 mL)

► Emergency test function

- Emergency test first during regular test routine
- Processing the rest of the test routine after finishing emergency test

► 10 channels with 2 bays

- Each bay can be operated separately
- 10 different tests in parallel
- Multi tests with one sample

► Convenient data connectivity

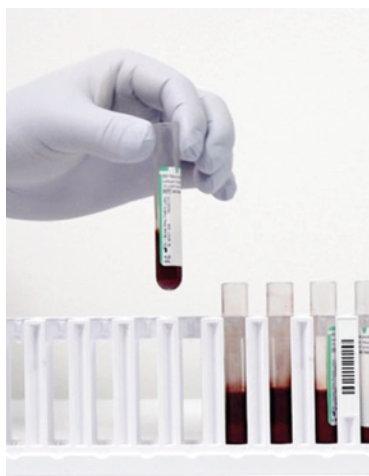
- Bidirectional LIS/HIS function
- Getting the medical order from clinicians directly

Simple procedure

1 Insert cartridge



2 Insert sample tube into tube rack



3 Insert tube rack into AFIAS-10



Automatic Fluorescence Immuno Assay System

AFIAS-10



All-in-One cartridge for AFIAS platform

- All the reagents for assay contained
- Over 50 test parameters
- Ready-to-use cartridge

AFIAS-10 can provide

- Convenient testing procedure to users
- High throughput results with various parameters
- Multi testing performance
- Prompt result derived from medical decision
- Quick transmission of medical information



Specifications

Model	AFIAS-10
Ordering Information	56398
Dimensions	426 x 443 x 395 mm
Weight	20 kg
Analyzer Input	100~240V AC, 50/60Hz, 2.6-1.0 A
User Interface	10.1" TFT LCD touch screen
Data Output	Internal Printer / RS232 port
Operating Temperature	15-35 °C
Connectivity	<ul style="list-style-type: none">• RS232C• 3 USB port• 1 mini USB port• LAN port• SD card slot

AFIAS Parameters

Category	Test parameters	Sample type/mode	Working range	Test time (min)	Storage temperature
Cardiac	Tn-I Plus	WB/S/P	0.01-15 ng/mL	12	2-30 °C
	CK-MB	WB/S/P	3-100 ng/mL	12	2-8 °C
	D-Dimer	WB/P	50-10,000 ng/mL	12	2-8 °C
	NT-proBNP	WB/S/P	10-30,000 pg/mL	12	2-30 °C
	Myoglobin	WB/S/P	2-500 ng/mL	12	2-8 °C
	Cardiac Triple	WB/S/P	Tn-I: 0.01-15 ng/mL CK-MB: 3-100 ng/mL Myoglobin: 5-500 ng/mL	12	2-8 °C
	ST2	WB/S/P	3.1-200 ng/mL	12	2-30 °C
	BNP	WB/P/c-tip	5-5,000 pg/mL	12	2-30 °C
Cancer	Troponin T	WB/S/P/c-tip	10-20,000 pg/mL	12	2-30 °C
	hsCRP	WB/S/P/c-tip	0.1-10.0 mg/L	3	2-30 °C
Diabetes	AFP	WB/S/P	5-350 ng/mL	15	2-30 °C
	CEA	WB/S/P	1-500 ng/mL	15	2-30 °C
Diabetes	HbA1c	WB/c-tip	(NGSP) 4-15 %	10	2-8 °C
	Microalbumin	Urine	2-300 mg/L	12	2-30 °C
Hormone	TSH Plus	WB/S/P/c-tip	0.08-50 µIU/mL	12	2-30 °C
	T3	S/P	0.77-7.7 nmol/L	10	2-30 °C
	T4	S/P	10.23-300 nmol/L	10	2-30 °C
	FSH	WB/S/P	1-100 mIU/mL	12	2-30 °C
	Total βhCG	WB/S/P/c-tip	5-50,000 mIU/mL	15	2-30 °C
	β-HCG Plus	WB/S/P/c-tip	2-1,500 mIU/mL	12	2-30 °C
	LH	WB/S/P	1-100 mIU/mL	12	2-30 °C
	Prolactin	WB/S/P	1-100 ng/mL	10	2-30 °C
	Progesterone	S/P	4.45-127.2 nmol/L	15	2-30 °C
	Testosterone	S/P	0.5-12.0 ng/mL	15	2-30 °C
	Cortisol	WB/S/P	80-800 nmol/L	10	2-30 °C
	AMH	S/P	0.02-15 ng/mL	12	2-30 °C
	Infection	COVID-19 Ag	NS	qualitative	12
COVID-19 Ab		WB/S/P/c-tip	qualitative	10	2-30 °C
COVID-19/Flu Ag Combo		NS	qualitative	20	2-30 °C
COVID-19 nAb		WB/S/P/c-tip	qualitative	20	2-30 °C
COVID-19 SP/NP IgG		WB/S/P/c-tip	qualitative	10	2-30 °C
CRP		WB/S/P/c-tip	0.5-200 mg/L	3	2-30 °C
MxA/CRP		WB/c-tip	MxA: 10-300 ng/mL CRP: 1-200 mg/L	12	2-30 °C
Procalcitonin		WB/S/P	0.1-100 ng/mL	12	2-8 °C
Procalcitonin Plus		WB/S/P/c-tip	0.02-50 ng/mL	12	2-30 °C
IL-6		WB/S/P/c-tip	2-2,500 pg/mL	12	2-30 °C
Flu A+B		NS	qualitative	10	1-30 °C
Norovirus		Feces	qualitative	12	2-30 °C
Rotavirus		Feces	qualitative	12	2-30 °C
Rotavirus/Adenovirus		Feces	qualitative	12	2-30 °C
IGRA-TB		P	qualitative	15	2-30 °C
Autoimmune	Anti-CCP Plus	WB/S/P/c-tip	3.2-300 U/mL	12	2-8 °C
	Total IgE	WB/S/P	1-1,000 IU/mL	12	2-30 °C
TDM (Therapeutic Drug Monitoring)	Infliximab	WB/S/P/c-tip	0.2-50 µg/mL	10	2-30 °C
	Adalimumab	WB/S/P/c-tip	0.20-50 µg/mL	10	2-30 °C
	Golimumab*	WB/S/P/c-tip	0.20-30 µg/mL	10	2-30 °C
	Trastuzumab*	WB/S/P/c-tip	3-150 µg/mL	10	2-30 °C
	Vedolizumab*	WB/S/P/c-tip	2-60 µg/mL	10	2-30 °C
	Ustekinumab*	WB/S/P/c-tip	0.5-20 µg/mL	10	2-30 °C
	Bevacizumab*	WB/S/P/c-tip	5-300 µg/mL	8	2-30 °C
	Total Anti-Infliximab	S/P	8-250 AU/mL	22	2-30 °C
	Free Anti-Infliximab	WB/S/c-tip	4-250 AU/mL	12	2-30 °C
	Free Anti-Adalimumab	WB/S/c-tip	3-200 AU/mL	12	2-30 °C
	Free Anti-Golimumab*	WB/S/c-tip	2-40 ng/mL	10	2-30 °C
Free Anti-Vedolizumab*	WB/S/c-tip	10 - 250 ng/mL	10	2-30 °C	
Free Anti-Trastuzumab*	WB/S/c-tip	8-500 AU/mL	10	2-30 °C	
Other test items	Ferritin	S/P	10-1,000 ng/mL	10	2-30 °C
	Vitamin D Neo	WB/S/P/c-tip	5-100 ng/mL	12	2-30 °C

*available soon

WB = Whole blood, S = Serum, P = Plasma, NS = Nasopharyngeal swab

For Professionals only



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