

MADE IN KOREA

BIO • TECHNOLOGY
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*Brilliant solution for
your patient*



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AFIAS

AFIAS-6

Versatile Desktop Immuno-Analyzer

Automated desktop analyzer

- 10 μ L or 50 μ L finger-prick blood
- 6 different tests on 6 different channels
- Bay random access (2 bays)



All-in-one cartridge format
Just load sample & press start



AFIAS-1

Doctor's reliable associate

Automated desktop analyzer

- 1 channel
- LIS / HIS connectivity
- All-in-one cartridge
- 10 μ L or 50 μ L finger-prick blood
- Walk away function



Specifications

QC / Calibration

2 calibrators & 2 controls
Internal & external controls

Interface

7" touch screen
Built-in thermal printer
RS 232 / USB port / Ethernet / SD card slot
LIS / HIS compatible

Memory

5,000 patient results
5,000 QC results
500 ID chips
100 User IDs

Throughput

Up to 36 tests / hour

Analyzer

420 x 336 x 293 mm
15.1 kgs
100 – 240V AC, 50-60Hz
Internal temperature control

Specifications

QC / Calibration

2 calibrators & 2 controls
Internal & external controls available

Interface

5" touch screen
Built-in thermal printer
RS 232 / USB port / Ethernet / SD card slot
LIS / HIS compatible

Memory

5,000 patient results
5,000 QC results
500 ID chips
100 User IDs

Throughput

Up to 10 tests / hour

Analyzer

320 x 204 x 180 mm
3.9 kgs
100 – 240V AC, 50-60Hz
Internal temperature control

• All-in-One Cartridge

Ready-to-use reagent (single test format)

Storage	2 – 8 °C for 20 months
Sample type	Serum / plasma / whole blood
Packing unit	24 tests / Kit
Test time	3 – 15 min / each



• Capable of drawing whole blood

10 µL or 50 µL whole blood

- No syringes
- No collection tube
- No pipettes
- No centrifuge

Flexibility of using C-tip™ as well as regular tube blood.



C-tip™

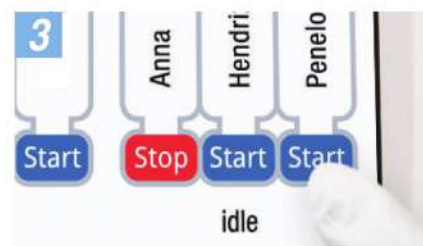
3 simple steps



Step 1: Collect capillary blood

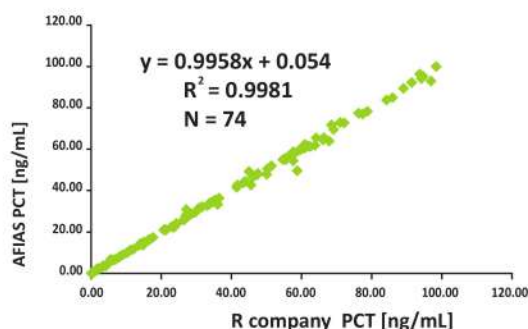


Step 2: Place the C-tip™ in the cartridge tip hole



Step 3: Press START to run the test.

• Study Results



PCT Con. (ng/mL)	Intra-assay			Inter-assay		
	Avg.	SD	CV%	Avg.	SD	CV%
0.1	0.12	0.00	3.87	0.12	0.01	6.78
2.0	2.00	0.05	2.58	2.01	0.03	1.47
100	99.15	1.48	1.49	99.80	0.94	0.94

Parameters

S / Serum P / Plasma WB / Whole Blood

C-Tip™  C-Tip™ 10µL  C-Tip™ 50µL

Product Class	Test Item	Sample Type	Sample Volume	Measurement Range	Reaction Time
Cardiac	Tn-I plus	S, P, WB	100 µL	0.01-15 ng/mL	12 min.
	CK-MB	S, P, WB	100 µL	5-50 ng/mL	12 min.
	D-Dimer	P, WB	100 µL	50-10,000 ng/mL	12 min.
	NT-proBNP	S, P, WB	100 µL	10-30,000 pg/mL	12 min.
	Myoglobin	S, P, WB	100 µL	2-500 ng/mL	12 min.
Cancer	PSA	S, P, WB	100 µL	0.5-100.0 ng/mL	15 min.
	AFP	S, P, WB	100 µL	5-350 ng/mL	15 min.
	CEA	S, P, WB	100 µL	1-500 ng/mL	12 min.
Diabetes	HbA1c 	WB	10 µL	4-15% (NGSP)	10 min.
	Cystatin C	S, P	10 µL	0.1-7.5 mg/L	12 min.
Hormone	TSH 	S, P, WB	200 µL	S, P / 0.09-80.00 µIU/mL WB / 0.4-80.0 µIU/mL	15 min.
	T3	S, P	150 µL	0.77-7.70 nmol/L	10 min.
	T4	S, P	150 µL	10.23-300.00 nmol/L	10 min.
	FSH	S, P, WB	200 µL	1-100 mIU/mL	12 min.
	Total βhCG	S, P, WB	100 µL	5-50,000 mIU/mL	15 min.
	LH	S, P, WB	200 µL	1-100 mIU/mL	12 min.
	PRL	S, P, WB	100 µL	1-100ng/mL	10 min.
	Testosterone	S, P	200 µL	1-10 ng/mL	15 min.
	Cortisol	S, P, WB	S, P / 100 µL WB / 50 µL	80-800 nmol/L	10 min.
Infection	CRP 	S, P, WB	100 µL	0.5-200 mg/mL	3 min.
	PCT 	S, P, WB	100 µL	0.1-10 ng/mL	12 min.
	HBsAg	S, P, WB	100 µL	<0.9 (-)ve / ≥1 (+)ve	12 min.
	Anti-HBs	S, P, WB	100 µL	<5 (-)ve / ≥15 (+)ve	15 min.
	HCV	S, P, WB	100 µL	<0.9 (-)ve / ≥1 (+)ve	12 min.
	NORO	Fecal	100 µL	<0.9 (-)ve / ≥1 (+)ve	12 min.
	ROTA	Fecal	100 µL	<0.9 (-)ve / ≥1 (+)ve	12 min.
	* Rota+Adeno	Fecal	100 µL	<0.9 (-)ve / ≥1 (+)ve	12 min.
	* Dengue IgG/IgM	S, P, WB	100 µL		12 min.
	* Dengue NS1	S, P, WB	100 µL		12 min.
	* Zika IgG/IgM	S, P, WB	100 µL		12 min.
	* HIV Ag/Ab	S, P, WB	100 µL		12 min.
	* Syphilis	S, P, WB	100 µL		12 min.
	* Gonorrhea		100 µL		12 min.
	* Chlamydia		100 µL		12 min.
Others	Ferritin	S, P	100 µL	10-1,000 ng/mL	10 min.

24 tests in a box / * : Coming soon