



RESPECT FOR LIFE

# Boditech Med Inc.

ichroma™ | AFIAS | hemochroma



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Find out more on [www.boditech.co.kr](http://www.boditech.co.kr)

# AFIAS Parameters



Category	Item	AFIAS-1	AFIAS-6	Sample type	Working range
Cardiac	Tn-I Plus	●	●	WB/S/P	0.01-15 ng/mL
	CK-MB	●	●	WB/S/P	3-100 ng/mL
	D-Dimer	●	●	WB/P	50-10,000 ng/mL
	NT-proBNP	●	●	WB/S/P	10-30,000 pg/mL
	Myoglobin	●	●	WB/S/P	2-500 ng/mL
	Cardiac Triple	●	●	WB/S/P	Tn-I 0.01-15 ng/mL CK-MB 3-100 ng/mL Myoglobin 5-500 ng/mL
	ST2	●	●	WB/S/P	3.1-200 ng/mL
Cancer	PSA	●	●	WB/S/P	0.5-100.0 ng/mL
	PSA Plus	●	●	WB/S/P	0.07-50 ng/mL
	AFP	●	●	WB/S/P	5-350 ng/mL
	AFP Plus	●	●	WB/S/P	0.5-350 ng/mL
	CEA	●	●	S/P	1-500 ng/mL
	CEA Plus	●	●	WB/S/P	0.5-200 ng/mL
Diabetes	HbA1c	●	●	WB	(NGSP) 4-15 %
	Microalbumin	●	●	Urine	2-300 mg/L
Hormone	TSH	●	●	WB/S/P	0.09-80.0 μIU/mL (WB: 0.4-80.0 μIU/mL)
	TSH Plus	●	●	WB/S/P	0.1-50 μIU/mL
	T3	●	●	S/P	0.77-7.70 nmol/L
	T4	●	●	S/P	10.23-300.00 nmol/L
	FSH	●	●	WB/S/P	1-100 mIU/mL
	FSH Plus	●	●	WB/S/P	0.1-110 mIU/mL
	Total βhCG	●	●	WB/S/P	5-50,000 mIU/mL
	β-HCG Plus	●	●	WB/S/P	2-1,500 mIU/mL
	LH	●	●	WB/S/P	1-100 mIU/mL
	LH Plus	●	●	WB/S/P	0.1-100.0 mIU/mL
	PRL	●	●	WB/S/P	1-100 ng/mL
	PRL Plus	●	●	WB/S/P	0.5-200 ng/mL
	Testosterone	●	●	S/P	1-10 ng/mL
	Cortisol	●	●	WB/S/P	80-800 nmol/L
AMH	●	●	S/P	0.02-10 ng/mL	
Infection	COVID-19 Ab	●	●	WB/S/P	qualitative with COI
	CRP	●	●	WB/S/P	0.5-200 mg/L
	PCT	●	●	WB/S/P	0.1-100.0 ng/mL
	PCT Plus	●	●	WB/S/P	0.02-50 ng/mL
	HBsAg	●	●	WB/S/P	0-300 COI
	Anti-HBs	●	●	WB/S/P	0-500 mIU/mL
	Anti-HCV	●	●	WB/S/P	0-300 COI
	ROTA	●	●	Feces	qualitative (0-200 COI)
	NORO	●	●	Feces	qualitative (0-200 COI)
	Rota/Adeno	●	●	Feces	qualitative (0-200 COI)
	Dengue IgG/IgM	●	●	WB/S/P	qualitative (0-200 COI)
	Dengue NS1 Ag	●	●	WB/S/P	qualitative (0-200 COI)
Others	Ferritin	●	●	S/P	10-1,000 ng/mL
	Vitamin D	●	●	S/P	8-70 ng/mL
	Anti-CCP Plus	●	●	WB/S/P	3.2-300 U/mL (Semi-quantitative)

# AFIAS-6

Versatile desktop immuno-analyzer

- Automated desktop analyzer
- 10  $\mu$ L or 30  $\mu$ L finger prick blood
- 6 different tests on 6 different channels
- Bay random access (2 bays)



## 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

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

# AFIAS



# AFIAS-1

Doctor's reliable associate

- Automated desktop analyzer
- LIS / HIS connectivity
- All-in-one cartridge
- 10  $\mu$ L or 30  $\mu$ L finger prick blood
- Walk away function



## 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