

BKI20

Handheld Biochemical Immunoassay Analyzer



PIONEERING IN HANDHELD POCT INSTRUMENTS

Device	Handheld Biochemical Immunoassay Analyzer BK-120
Principle	Dry Chemistry/Immunofluorescence
Sample Type	Whole blood, serum, plasma, urine, capillary blood, etc.
Weight	750 g
Size	210 mm (length) × 90 mm (width) × 60 mm (height)



Original Dual Methodology

Dry chemistry &
Immunofluorescence
Result obtained in **0.5-15** min



Comprehensive Test Items

Covering **10+** diagnostic category
Up to **60+** test items



Exclusive & Featured Items

GLU/HbA1c Cre/MAU
AST/ALT FT3/FT4/TSH VD

Category	Item	Sample Type	Time	Volume	Detection Range	Methodology
Cardiovascular	cTnI	S	10 min	100 µL	0.10-40.00 ng/mL	IF
	NT-proBNP	S	10 min	100 µL	50-30000 pg/ml	IF
	D-Dimer	P/WB	10 min	100 µL	0.10-10.00 µg/mL	IF
	cTnI/CK-MB/Myo	S	10 min	100 µL	cTnI: 0.10-40.00 ng/mL CK-MB: 2.50-80.00 ng/mL Myo: 30.00-500.00 ng/mL	IF
	cTnT	S	10 min	100 µL	50-10000 pg/mL	IF
	hs-cTnI	S	10 min	100 µL	0.01-50.00 ng/mL	IF
	MYO	S	10 min	100 µL	30.0-600.0 ng/mL	IF
	cTnI/CK-MB	S	10 min	100 µL	CK-MB: 2.50-80.00 ng/mL cTnI: 0.10-50.00 ng/mL	IF
	CK-MB	S	10 min	100 µL	2.50-80.00 ng/mL	IF
	cTnI/NT-proBN	S	10 min	100 µL	cTnI: 0.10-50.00 ng/mL NT-prONBP: 100-35000 pg/mL	IF
	BNP*	S	10 min	100 µL	5.0-5000.0 pg/mL	IF
Inflammation	Hs-CRP+CRP	S/P/WB/CB	3 min	5 µL	hs-CRP: 0.5-5 mg/L CRP: 5-200 mg/L	IF
	PCT	S	10 min	100 µL	0.10-100.00 ng/mL	IF
	SAA/CRP	S/P/WB/CB	5 min	10 µL	CRP: 0.5-200.0 mg/L SAA: 3.0-200.0 mg/L	IF
	PCT/IL-6	S	10 min	100 µL	PCT: 0.10-100.00 ng/mL IL-6: 5-4000 pg/mL	IF
Thyroid Function	FT3	S/P	10 min	100 µL	1.5-50.0 pmol/L	IF
	FT4	S/P	10 min	100 µL	6.4-77.2 pmol/L	IF
	TSH	S/P	10 min	100 µL	0.10-100.00 µIU/mL	IF
	FT3/FT4/TSH Combo	S/CB P/WB(EDTA)	15 min	50 µL	TSH: 0.10-100.00 µIU/mL FT4: 6.4-77.2 pmol/L FT3: 1.5-50.0 pmol/L	IF
	T3	S	15 min	100 µL	0.30-10.00 nmol/L	IF
	T4	S	15 min	100 µL	5.40-320.00 nmol/L	IF
Metabolism	25-OH-VD	S/CB P/WB(Hep/CIT)	15 min	30 µL	8-70 ng/mL	IF
Kidney Function	UA	S/CB P/WB(EDTA/Hep)	3 0s-3 min	20 µL	50-1190 µmol/L	DC
	UA/Cre/Urea	S/CB P/WB(EDTA)	5 min	40 µL	Urea: 0.90-35.70 mmol/L Cre: 30-1500 µmol/L UA: 50-1190 µmol/L	DC
	MAU	U	5 min	30 uL	10-200 mg/L	IF
	Cre/MAU(2 in 1)	U	5 min	100 µL	Ucre: 0.80-30.0mmol/L MAU: 10-200 mg/L	DC&IF
	Cre	S/CB P/WB(EDTA/CIT)	5 min	30 µL	30-1500 µmol/L	DC
	cys-C*	S	3 min	10 µL	0.50-10.00 mg/L	DC
Liver Function	ALT/AST	S/CB P/WB(CIT)	5 min	30 µL	4-1000 U/L	DC

*Coming Soon

IF:Immunofluorescence; DC:Dry Chemistry

WB:Whole blood; S:Serum; P: Plasma; CB:capillary blood; U: Urine; F: Faece
EDTA: EDTA nticoagulant ; Hep: Heparin nticoagulant ; CIT: Citrated nticoagulant

Category	Item	Sample Type	Time	Volume	Detection Range	Methodology
Diabetes	GLU	S/CB P/WB(EDTA/Hep)	30s-3 min	20 µL	2.00-25.00 mmol/L	DC
	HbA1c	CB WB(EDTA/Hep)	5 min	10 µL	4.0-14.0 %	IF
	GLU/HbA1c(2 in 1)	CB WB(EDTA/Hep)	5 min	20 µL	Glu: 2.00-25.00 mmol/L HbA1c: 4.0%-14.0%	DC&IF
Blood Lipids	TG/HDL-C/ TCH/LDL-C	S/CB P/WB(EDTA/Hep)	30 s-3 min	40 µL	TG: 0.50-6.00 mmol/L HDL-C: 0.20-2.50 mmol/L TCH: 2.50-10.50 mmol/L LDL: 0.00-11.00 mmol/L	DC
Fertility	AMH	S	15 min	100 µL	0.10-20.00 ng/mL	IF
	PRL	S	10 min	80 µL	1-200 ng/mL	IF
	FSH	S	10 min	50 µL	1.00-100.00 mIU/mL	IF
	LH	S	10 min	50 µL	1.00-100.00 mIU/mL	IF
	β-HCG	S	10 min	5 µL	5.00-10000.00 mIU/mL	IF
	TES	S	10 min	50 µL	0.2-15 ng/mL	IF
	E2	S	15 min	20 µL	9-3000 pg/mL	IF
	Prog	S	10 min	80 µL	1.50-60.00 ng/mL	IF
Anemia	HB	WB/CB	1 min	10 µL	4.5-25.6 g/dL	DC
	Fer	S	10 min	50 µL	10-1000 ng/mL	IF
Tumor Marker	fPSA	S	10 min	100 µL	0.03-30.00 ng/mL	IF
	tPSA	S	15 min	10 µL	2.00-100.00 ng/mL	IF
	CEA	S/P/WB/CB	15 min	100 µL	1-500 ng/mL	IF
	AFP	S	15 min	100 µL	2.0-500.0 ng/mL	IF
	FOB	F	5 min	50 mg	5-200 ng/mL	IF
	CA-125*	S	15 min	100 µL	2-500.0 U/mL	IF
	CA-242*	S	15 min	100 µL	2-500.0 U/mL	IF
	CA-50*	S	15 min	100 µL	2-500.0 U/mL	IF
Digestive Diseases	HP ag	F	5 min	50 mg	0.5-500 ng/mL	IF
	CAL	F	5 min	50 µL	20-1000µg/g	IF
	PGI/PGII*	S	15 min	100 µL	PGI: 1.0-200.0 ng/mL PGII: 1.0-100.0 ng/mL	IF
Infectious Disease	anti-HCV	S	15 min	100 µL	1.00-20.00 S/CO	IF
	Syphilis	S	15 min	100 µL	1.00-50.00 S/CO	IF
	HBsAg	S	10 min	10-50 mg	1.00-100.00IU/mL	IF
Other	IgE	S	15 min	50 µL	5.00-1000.00 IU/mL	IF
	GLU/UA/TG/TCH	S/CB P/WB(EDTA/Hep)	30 s-3 min	60 µL	GLU: 2.00-25.00 mmol/L UA: 50-1190 umol/L TG: 0.50-6.00 mmol/L TCH: 2.50-10.50 mmol/L	DC

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