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N9 Fluorescence Immunoassay Analyzer



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N9 Fluorescence Immunoassay Analyzer

N9-FIA2001



Testing principle: fluorescence immunoassay

Testing speed: less than 10s

1. Working Conditions

Power Supply : AC 220V 50 Hz

Input Power: 250 VA

2. Performance Characteristics

Repeatability: CV≤15%

Stability: Relative deviation ≤ 8%

Accuracy: Deviations within ±15%

3. Technical Specifications

Excitation Light Source : LED

Excitation Spectrum: Central Wavelength $\lambda_0 = 470$ nm

Emission Spectrum : Central Wavelength $\lambda_1 = 525$ nm

Sample Types: Serum, plasma, whole blood and urine

Software System: Android-based Smart System

Interfaces: RS232, USB and Ethernet

Printer : Built-in Thermal Printer

Dimensions: 540*360*490 mm

Weight : 20.84 kg

N9-FIA2002



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FIA Parameters Chart

Series	Cat. No.	Product	Diseases	Sample Types	Required Time	Clinical Reportable Range
Infection	N9-DKF2006	hsCRP+CRP	Cardiovascular Diseases Inflammation	Serum/Plasma:5μL Whole Blood:10μL	3min	0.5-200.0mg/L
	N9-DKF2034	PCT	Inflammation Bacterial Infection Sepsis	Serum/Plasma:30μL Whole Blood:50μL	15min	0.01-100.0ng/mL
	N9-DKF2033	SAA	Inflammation	Serum/Plasma:5μL Whole Blood:10μL	5min	5-200mg/L
	N9-DKF2026	2 in 1 (CRP/SAA)	Inflammation	Serum/Plasma: 5μL Whole Blood: 10μL	15min	0.5-100mg/L
	N9-DKF2028	IL-6	Inflammation Virus Infection	Serum/Plasma Whole Blood: 75 μL	15min	3-4000pg/mL
Cardiac	N9-DKF2027	NT-proBNP	Heart Failure	Serum/Plasma/ Whole Blood:75μL	15min	18-35000ng/L
	N9-DKF2029	Myo	Early Myocardial Injury Myocardial Injury	Serum/Plasma:50μL Whole Blood:100μL	15min	2.4-400.0ng/mL
	N9-DKF2008	cTnI	Myocardial Infarction Myocardial Injury Acute Coronary Syndrome	Serum/Plasma/ Whole Blood:75μL	15min	0.03-100.0ng/mL
	N9-DKF2030	CK-MB	Myocardial Injury Myocardial Infarction	Serum/Plasma:50μL Whole Blood:100μL	15min	0.3-100.0ng/mL
	N9-DKF2037	H-FABP	Acute Myocardial Infarction	Serum/Plasma/ Whole Blood:50μL	15min	2.0-120.0ng/mL
	N9-DKF2031	BNP	Heart Failure	Serum/Plasma/ Whole Blood:75μL	15min	5-5000 pg/mL
	N9-DKF2032	3 in 1 (cTnI/Myo/CK-MB)	Myocardial Injury Myocardial Infarction	Serum/Plasma/ Whole Blood:75μL	15min	CK-MB:0.3-100.0ng/mL Myo:2.4-400.0ng/mL cTnI: 0.03-100.0ng/mL
	N9-DKF2038	2 in 1 (CK-MB/cTnI)	Myocardial Injury Myocardial Infarction	Serum/Plasma/ Whole Blood:75μL	15min	CK-MB:0.3-100.0ng/mL cTnI: 0.03-100.0ng/mL
	N9-DKF2024	3 in 1 (cTnI+NT-proBNP+D-Dimer)	Myocardial Infarction Heart Failure Disseminated Intravascular Coagulation	Serum/Plasma/ Whole Blood:75μL	15min	cTnI: 0.1~50.0 ng/mL NT-proBNP: 18~35000 ng/L D-Dimer: 0.2~10.0 mg/L
Diabetes	N9-DKF2039	Lp-PLA2	Cardiovascular and Cerebrovascular Diseases	Serum/Plasma/ Whole Blood: 10μL	15min	10-1000ng/mL
	N9-DKF2009	HbA1C	Diabetes Monitoring Blood-Sugar Level	Whole Blood:10μL	15min	4.0%-14.0%
	N9-DKF2021	D-Dimer	Venous Thromboembolism	Plasma:10μL Whole Blood:15μL	15min	0.1-10.0mg/L
Renal Function	N9-DKF2041	NGAL	Renal Function Injury	Serum/Plasma Whole Blood/Urine: 10μL	15min	50-5000ng/mL
	N9-DKF2040	mALB	Kidney Diseases	Urine: 75μL	15min	5-300mg/L
Cerebral Injury	N9-DKF2043	S100β	Brain Injury Central Nervous System Injury	Serum/Plasma Whole Blood: 75μL	15min	0.05-10ng/mL
	N9-DKF2019	TT3	Thyroid Malfunction	Serum/Plasma/ Whole Blood:75μL	15min	0.61~9.22 nmol/L
Thyroid Function	N9-DKF2012	TT4	Thyroid Malfunction	Serum/Plasma/ Whole Blood:75μL	15min	12.87~310nmol/L
	N9-DKF2003	TSH	Thyroid Malfunction	Serum/Plasma/ Whole Blood:75μL	15min	0.1~100 mIU/L
	N9-DKF2020	fT3	Thyroid Malfunction	Serum/Plasma/ Whole Blood:75μL	15min	2.3~30.8 pmol/L
	N9-DKF2011	fT4	Thyroid Malfunction	Serum/Plasma/ Whole Blood:75μL	15min	6.4~77.2 pmol/L
Sex Hormone	N9-DKF2016	LH	Fertility	Serum/Plasma/ Whole Blood:75μL	15min	1~100 mIU/mL
	N9-DKF2015	FSH	Fertility	Serum/Plasma/ Whole Blood:75μL	15min	1~100 mIU/mL
	N9-DKF2017	β-hCG	Fertility	Serum/Plasma/ Whole Blood:20μL	15min	2~200,000mIU/mL
	N9-DKF2007	PRL	Fertility	Serum/Plasma/ Whole Blood:75μL	15min	1~200 ng/mL
	N9-DKF2042	PROG	Fertility	Serum/Plasma/ Whole Blood:75μL	15min	1.5~60 ng/mL

FIA Parameters Chart

Series	Cat. No.	Product	Diseases	Sample Types	Required Time	Clinical Reportable Range
Others	N9-DKF2048	GDF-15	Cardiovascular Diseases Inflammation	Serum/Plasma:5µL Whole Blood:10µL	15min	0.1-200.0ng/ml
	N9-DKF2047	β2-MG	Kidney	Serum/Plasma:30µL Whole Blood:50µL	15min	0.1-200.0ng/ml
	N9-DKF2010	TESTO	Testosterone	Serum/Plasma:5µL Whole Blood:10µL	15min	0.1-200.0ng/ml
	N9-DKF2018	AMH	Rheumatism	Serum/Plasma:5µL Whole Blood: 10µL	15min	0.1-24.0ng/ml
	N9-DKF2013	RF	Inflammation Virus Infection	Serum/Plasma Whole Blood: 75 µL	15min	10.0-120.0IU/ml
	N9-DKF2014	Ferr		Serum/Plasma/ Whole Blood:75µL	15min	5.0-500.0ng/ml
Tumor Mark	N9-DKF2022	tPSA		Serum/Plasma:50µL Whole Blood:100µL	15min	2.0-100.0ng/ml
	N9-DKF2044	fPSA		Serum/Plasma/ Whole Blood:75µL	15min	0.1-100.0ng/ml
	N9-DKF2045	AFP		Serum/Plasma:50µL Whole Blood:100µL	15min	5.0-1000.0ng/ml
	N9-DKF2046	CEA		Serum/Plasma/ Whole Blood:50µL	15min	
	N9-DKF2049	CA15-3				10.0-1000.0IU/ml
	N9-DKF2050	CA125				25-5000.0IU/ml
	N9-DKF2051	CA19-9				5.0-1000.0IU/ml
	N9-DKF2025	HbsAg				5.0-1000.0IU/ml
	N9-DKF2043	S100				0.05-10.0ng/ml
	N9-DKF2023	anti-CCP				5.0-500.0ng/ml

Product Details

Method: Fluorescence immunochromatography assay

Product Models: 25 tests/box, 40 tests/box, 100 tests/box

Product Inclusions: Test Card, ID Chip, sample buffer and instruction for use

Storage Temperature: 10-30°C(50-86°F)room temperature

Shelf Time: 24 months

