

The small, but most versatile
Nephstar®

Specific protein analysis system



Nephstar®

A bench-top nephelometer
An ideal instrument in medium or small laboratories
Can be used as STAT or back up analyzer in big labs



Features

- POCT nephelometer with simple procedure, rapid quantitative result
- Wide test menu, 33+ assays available
- Maintenance free
- Latex-enhanced technology increases sensitivity
- Auto calibration and blank reading
- Electronic pipette optional

Specifications

Principle	Fixed-time Nephelometry
Dimensions	260mm*167mm*125mm
Light Source	Diode laser (670nm class II)
Storage Temperature	0~40°C
Operation Temperature	15~30°C
Printer	Built-in thermal printer
PC interface	RS232 interface
Sample Volume	10 ~ 40 µL
Measuring Time	20 seconds to 3 minutes
Communication Protocol	HL7
Keyboard	Numeric and functional Keys (16keys)
Power supply	100~220VAC 50/60Hz
Net weight	2.8KG

Test Menu

Immune Disease		Acute Phase Protein		Cardiovascular Disease	
Assay	Linear range	Assay	Linear range	Assay	Linear range
IgA	0.23-5.10 g/L	bCRP	0.5-380.0 mg/L	ALB	5-124 g/L
IgG	1.8-26.0 g/L	UsCRP	0.22-19.00 mg/L	PAB	0.04-1.34 g/L
IgM	0.18-4.60 g/L	CRP	1.6-152.0 mg/L	ApoA1	0.24-4.10 g/L
C3	0.19-4.70 g/L	SAA	3-200 mg/L	ApoB	0.24-5.20 g/L
C4	0.06-2.20 g/L	HPT	0.15-3.80 g/L	AT3	0.06-0.75 g/L
ASO	41-607 IU/mL	TRF	0.25-6.10 g/L	D-Dimer	0.28-15.70 mg/L
RF	20-306 IU/mL	CER	0.07-2.50 g/L	Lp(a)	60-1200 mg/L
KAP	0.88-12.20 g/L	AAT	0.27-2.60 g/L		
LAM	0.65-7.10 g/L	AAG	0.28-4.10 g/L		
Free KAP	5.0 - 200 mg/L				
Free LAM	5.0 - 200 mg/L				
Kidney Disease		Kidney Disease		Diabetes	
Assay	Linear range	Assay	Linear range	Assay	Linear range
mALB	9.5-230.0 mg/L	Cys C	0.4-7.6 mg/L	HbA1c	2.8%-15.5%
BMG	0.4-13.0 mg/L	RBP	5-160 mg/L		
AMG	0.28-7.20 g/L				
A1M	5-200 mg/L				

Simple Procedure

