

ISO13485, CE CERTIFIED

Nephstar[®]

Protein Analysis System



Latest Design, Patented Technology

国赛
GOL SITE

Nephstar[®]

The NEPHSTAR system is a bench-top nephelometric analyzer for rapid quantitative measurements of specific proteins in blood and urine samples. It's an ideal instrument in medium or small laboratories and it can also be used as a "stat" or backup analyzer in large laboratories.



- ◆ Latest design, patented technology, the real new generation
- ◆ Maximum precision and highest sensitivity
- ◆ Results can be reported within 15 seconds to 2 minutes
- ◆ A magnetic card is supplied enabling a batch specific calibration curve to be loaded into the NEPHSTAR
- ◆ RS232 interface, transferring data from Nephstar to computer and LIS system
- ◆ Results and reports management software



Nephstar[®] PLUS 3-Channel Specific Protein Analyzer

- ◆ Test 3 samples simultaneously, one as three
- ◆ No need for sample dilution
- ◆ No need to do calibration curve
- ◆ Automatic mixing
- ◆ Temperature controlled reaction chamber
- ◆ Automatic blanking
- ◆ Automatic calibration
- ◆ 1000 results memory

High efficiency
Easy operation

1=3



Nephstar[®] PLUS



Intelligentized modules detect scattered light for thousands of times per second to monitor the change brought by ambient light, which ensures the accuracy of test result.

Nephstar Plus Accessories

Bar code scanner

Stylus printer

Results and reports management software

RS232 interface, transferring data from Nephstar Plus to computer and LIS system



CRP Assay in whole blood

- Assay Range: 1-350mg/L
- Only 10-20ul venous or capillary blood required
- Results available within 2 minutes



HbA1C assay

- One step latex-enhanced direct method, no need for determination of total hemoglobin
- Time saving
- Assay range: 3%-15%



Intelligentized program, Simple procedure



- 1 Place the sample cuvette into chamber



- 2 Dispense reaction buffer and antisera together into the cuvette by electronic pipette



- 3 The result is printed automatically within 15 to 120 seconds depending on respective assays

Nephstar[®] ASSAYS AVAILABLE

Description	Code	Pack	Assay Range
IgA	DK001	50T	0.25-5.0 g/L
IgG	DK004	50T	2.0-25 g/L
IgM	DK009	50T	0.25-4.5 g/L
Albumin	DK011	50T	6-120 g/L
Prealbumin	DK012	50T	0.05-1.3 g/L
A1 Acid Glycoprotein	DK013	50T	0.3-4.0 g/L
Transferrin	DK015	50T	0.3-6.0 g/L
Haptoglobin	DK016	50T	0.2-3.5 g/L
Ceruloplasmin	DK018	50T	0.1-2.5 g/L
Antithrombin III	DK019	50T	0.07-0.75 g/L
ASO	DK021	50T	50-600U/mL
CRP	DK022	50T	2.0-150 mg/L
Ultra sensitive CRP	DK025	50T	0.25-18mg/L
RF	DK023	50T	20-300U/mL
C3	DK033	50T	0.2-4.5 g/L
C4	DK034	50T	0.07-2.0 g/L
C1 Inactivator	DK036	50T	0.06-1.0 g/L
α 1 Antitrypsin	DK038	50T	0.3-2.5 g/L
α 2 Macroglobulin	DK039	50T	0.35-7.0 g/L
Apo A1	DK041	50T	0.25-4.0 g/L
Apo B	DK042	50T	0.25-5.0 g/L
κ light chain	DK044	50T	1.0-12 g/L
λ light chain	DK045	50T	0.7-7.0 g/L
Urine Microalbumin	DK061	50T	10-220 mg/L
β 2 Microglobulin	DK062	25T	0.5-12 mg/L
Cystatin C	DK066	50T	0.4-7.5 mg/L
HbA1c	DK071	25T	3%-15%
CRP in whole blood	BK051	50T	1.0-350 mg/L

Nephstar[®] Plus ASSAYS AVAILABLE

Description	Code	Pack	Assay Range
CRP in whole blood	BK051	100T	1.0-350 mg/L
HbA1c	DK071	50T	3%-15%
Urine Microalbumin	DK061	100T	10-220 mg/L