



# Protein Analyzer

# AR-100



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## Reagent Kits

Item	Packing	Speciment type	Test Range	Reference Range	Clinical Significance
<b>CRP</b>	25 Test 50 Test	5µl Serum	0-180 mg/L	< 6 mg/L	Identify bacterial infection or Virus infection. Dynamically monitor the course of disease. Observe the effectiveness of antibiotics.
<b>hs-CRP</b>	25 Test 50 Test	20µl serum	0,20-16,0 mg/l	0,1-10 mg/l	Predict morbidity and mortality of cardiovascular disease. Identify newborn bacterial infection and guide clinical use of antibiotics.
<b>mAlb</b>	25 Test 50 Test	100µl urine	10-160mg/l	<20mg/l	Assess the early lesions of kidney. An ideal endogenous marker of the glomerular filtration rate. Monitor the early lesions of diabetic Mellitus. Discover the possibilities of cardiovascular accident and unhealthy kidney function of hypertensive patient.
<b>Cys-c</b>	25 Test 50 Test	10µl Serum	0,2-6,0 mg/l	<1,45mg/l	Monitor the early lesions of kidney caused by urinary tract infection etc.
<b>RA</b>	25 Test 50 Test	5µl Serum	0-140 IU/ML	< 20 IU/ML	Rheumatoid factor is a group of antibodies directed to determinants in the Fc portion of the immunoglobulin G-molecule.
<b>ASO</b>	25 Test 50 Test	5µl Serum	0-500 IU/ml	< 200 IU/ml	SLO is a toxic immunogenic coenzyme produced by b-hemolytic streptococci of group A, C and G. Measuring the ASO antibodies are useful for the diagnosis of rheumatoid fever, acute glomerulonephritis and streptococcal infections.
<b>HBA1C</b>	25 Test 50 Test	5µl Heamolysate	0-18,26%	< 6 %	HBA1C is a glycosylated Product of Hemoglobin AO (HBA1C), The Predominant form of hemoglobin in adult.
<b>Vitamin D</b>	25 Test	5µl Serum	5-130 ng/ml	30-100 ng/ml	Vitamin D Helps your body absorb Calcium and maintain Strong bones throughout your entire life.
<b>Anti CCP</b>	25 Test	5µl Serum	25-3200U/ml	<25 U/ml	Anti-Cyclic Citrullinated peptide (CCP) antibody has been reported to greatly improve the diagnostic efficiency of RA.
<b>D-dimer</b>	25 Test	20µl Serum	0-10.8 ng/ml	<25 U/ml	Increase of D-dimer in blood testifies the blood clot is formed and fibrinolytic activity has functioned. It is known that high value of D-dimer is indicated in disease such as malignant tumor, vascular disease.
<b>Ferritin</b>	25 Test	10µl Serum	20-1000 ng/ml	20-250 ng/ml	The determination of Serum Ferritin concentration is very useful for the diagnosis, treatment and prognosis of iron metabolism abnormalities such as anaemia and iron excess, liver disease etc.

## SPECIFICATIONS

<b>Specimen type</b>	Peripheral whole blood, vein whole blood, serum, plasma, urine specimens
<b>Specimen No</b>	Automatic numbering 1 -999 for the same test, optional barcode scanner
<b>Whole blood HCT</b>	00.00-99.99% adjustable
<b>Specimen dilution</b>	1-50 times adjustable;
<b>Test speed</b>	20-120 sec/test;
<b>Screen</b>	5.5 inch LCD touch screen
<b>Interface</b>	3 RS232C interface (Data transmission, external printer, external barcode scanner)
<b>Result storage</b>	10000
<b>Operating voltage</b>	AC 100V-240V/DC 12V



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