D7-CRP

5-Part+CRP Joint Analyzer with Autoloader

Principles	Flow cytometry (FCM) + Tri-angle laser scatter for WBC differentiation Impedance method for WBC, RBC and PLT test Cyanide free colorimetry for HGB test Latex-enhanced scattering immunoturbidimetry for CRP test
Parameters	27 reportable parameters: CRP, Hs-CRP, WBC, Neu#, Lym#, Mon#, Eos#, Bas#, Neu%, Lym%, Mon%, Eos%, Bas%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR, P-LCC 6 research parameters: ALY#, ALY%, LIC#, LIC%, NRBC#, NRBC% 3 histograms for WBC, RBC and PLT One 3D scattergram and three 2D scattergrams for WBC differention
Sample volume	20μL
Linearity range	WBC: 0.00-300.00×10^9/L RBC: 0.00-8.50×10^{12}/L HGB: 0-250g/L PLT: 0-3000×10^9/L HCT: 0.0-67.0% CRP: 0.2-320mg/L
Repeatability	WBC≤2.5%(4.0-15.0×10^9/L) RBC≤1.5% (3.5-6.0)×10^{12}/L) HGB≤1.5% (110-180g/L) MCV≤1%(70-120fL) PLT≤6.0%(100-149×10^9/L) ≤4.0%(150-500×10^9/L)

Throughput	Up to 90 tests per hour
Test mode	CBC, CBC+DIFF, CRP, CBC+CRP, CBC+DIFF+CRP
Storage	Up to 100,000 records
Printout	External printer, compatible with multiply laser / inkjet printers, compatible with various formats and user-defined formats
Sample mode	Whole blood, capillary whole blood and pre-diluted modes
Power requirement	100V-240V, 50/60Hz, ≤250VA
Dimension	650mm(W)*550mm(H)*610mm(D)
Net weight	60.5kg

SHENZHEN DYMIND BIOTECHNOLOGY CO.,LTD.

10th Floor, Building B, High-tech Park, Guangqiao Road, Tianliao Community, Yutang Street, Guangming District, Shenzhen 518107, P. R. China

+86-755-26008015-8123

Intl@dymind.com

www.dymind.com

P/N: EN-D7-CRP[4.0]

DYMIND | *the simpler, the better*

Results Come Out within 1 Minute

D7-CRP

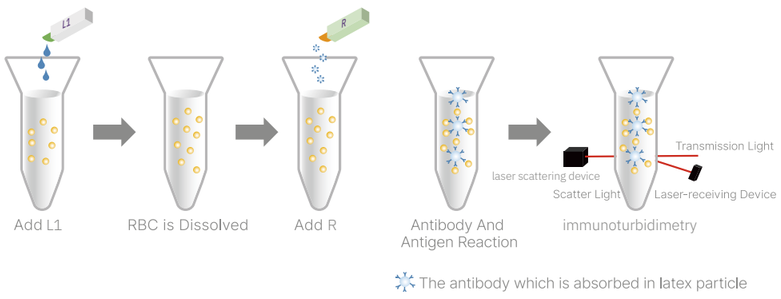
5-Part+CRP Joint Analyzer with Autoloader

Cutting-edge Technology in the Field

It tests the CRP and WBC differentiation by whole blood through semi-conductor laser and latex-enhanced scattering immunoturbidimetry as well as flow cytometry, which makes the routine blood test combined together with CRP.

Latex-enhanced Scattering Immunoturbidimetry

Make tiny latex particle connected with CRP antibody and get the contents of antigen through testing the change of the scattering assay. High sensitivity of Hs-CRP and regular CRP testing can perform accurate detection even the concentration is less than 1 mg/L. Easy operation, test faster.



33 Item

Trace

Laser Scattering Method

Through Flow cytometry and laser scattering technology.One 3D scattergram and three 2D scattergrama can directly show the differentiation of WBC and display the abnormal cells

Flow Cytometry and Impedance Method

Impedance method for WBC, RBC and PLT counting, cyanide-free reagent for testing hemoglobin concentration

For patients with habitual diarrhea, the combined testing of HCT, WBC and CRP is valuable for the diagnosis of the level of morning dehydration and the estimation of external infection.

Clinical data shows that the symptoms of Children's virus and bacterial infections can be relatively similar. The joint detection of CRP and routine blood test may offer effective instruction for clinical treatment and guarantee correct prescription and medication from a more objective and scientific view.