

High Sensitivity CRP (hs-CRP)



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C-Reactive Protein(CRP) is an acute-phase protein produced in the liver in response to microbial infection, inflammation or tissue injury.

GP One Step Test for hs-CRP (Colloidal Gold) is used for the detection and evaluation of infection, tissue injury and inflammatory disorders.

- ▶ Ultra broad detection range: 0.5 ~200mg/L;
- ▶ Double test lines to increase detection range and accuracy.

Intended use

- ▶ Risk assessment for cardiovascular inflammatory diseases
- ▶ An effective indicator for cardiovascular disease
- ▶ An indicator of common infection & help differentiate bacterial/virus infection

FIA8000 workflow demonstration



Sample dispense



Timing the reaction manually



Test card insert



Result printed automatically in 5-8s

Interpretation of test result

		Cut points	Clinical assessment
hs-CRP	Adult	<1mg/L	low CVD risk
		1-3 mg/L	moderate CVD risk
		>3mg/L	high CVD risk
	Newborn	>3mg/L	infection
	Child	<10mg/L	no infection/cleared
		10~30mg/L	Virus/minor bacterial infection
		>30mg/L	bacterial infection
	Adult	10~20mg/L	Virus/minor bacterial infection
		20~50mg/L	Moderate bacterial infection
>50mg/L		Serious bacterial infection	

Clinical applications

Clinical Departments	Applications
Respiration	Respiratory tract infection, Pulmonary infection (bacterial), Lung neoplasm, Tuberculosis, Pulmonary infarction, Lung abscess, Empyema
Pediatrics	Diagnosis and identification of various inflammatory or infectious diseases of children and infants
Gastroenterology	Cholecystitis, Liver Abscess, Peritonitis, Malignant tumour
Urology	Pyelonephritis, Pyelitis, Urocystitis, Perinephric abscess, Cancer
Gynaecology	Clinical detection of normal gynecological inflammation, Therapy monitoring of gynecologic surgery
Stomatology	Periodontitis, Maxillofacial infections, Maxillofacial injuries, Implant surgery, ICU, Monitoring the nosocomial infections, Detection before and after tooth exaction operation
Oncology	Accessory diagnosis of malignant neoplasm, Detection after chemotherapy, Clinical detection before or after tumor operation
Cardiology	Detection of cardiac inflammatory lesion , Monitoring the prognostic implications of cardiac diseases
Other departments	Collagenosis, Allergic and autoimmune disease activity period(rheumatism SLE, rheumatoid), Infectious disease, Sepsis and other malignancies