

INTEX[®]-CRP Card Test

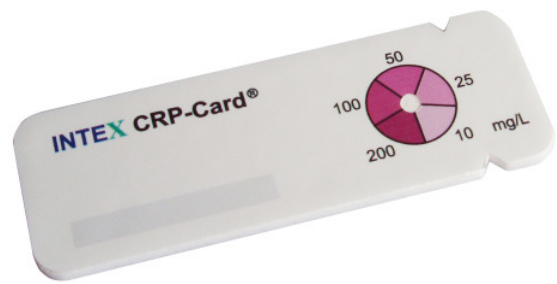
Rapid Test for Semi-Quantitative Determination of CRP in Human Blood

Fast and Reliable Diagnosis – Immediate Therapy!

Measuring CRP levels is a recognized and established method for monitoring an inflammatory response. The concentration of CRP in blood is a very sensitive indicator. Due to the short reaction time and short half-life, a change in inflammation reaction is indicated rapidly. CRP measurement is beneficial in relation to the measuring of the blood sedimentation speed, particularly when working with children, since the needed blood quantity is smaller, the test duration is shorter and the response to therapy can be observed more readily.

Test properties

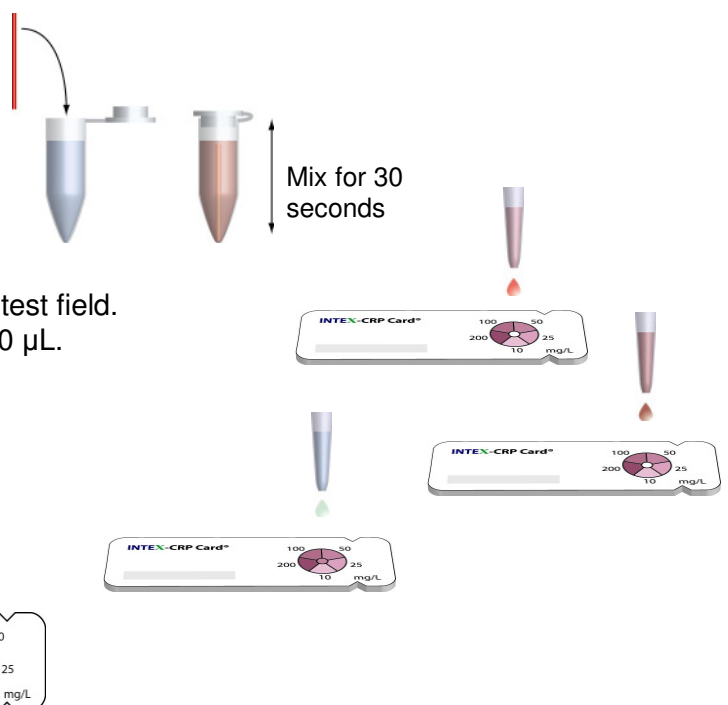
- Sandwich immunoassay
- Reliable result in 5 minutes
- Required blood volume: 5 μ L
- Measuring range: 10 – 200 mg/L
- Detection limit: 5 mg/L
- Semi-quantitative results with visual evaluation
- Capillary blood, heparin blood or EDTA blood
- Consistency with other rapid tests: 90%
- Sensitivity: 100%; Specificity: 94% (at 10 mg/L cut off)



Assay procedure

- ① Take a 5 μ L blood and dilute.
- ② Apply 20 μ L of the diluted blood onto the test field. Wait for a short time and apply another 20 μ L.
- ③ Apply in 2x 20 μ L of gold conjugate.
- ④ Apply 2x 20 μ L washing buffer.
- ⑤ Read the result.

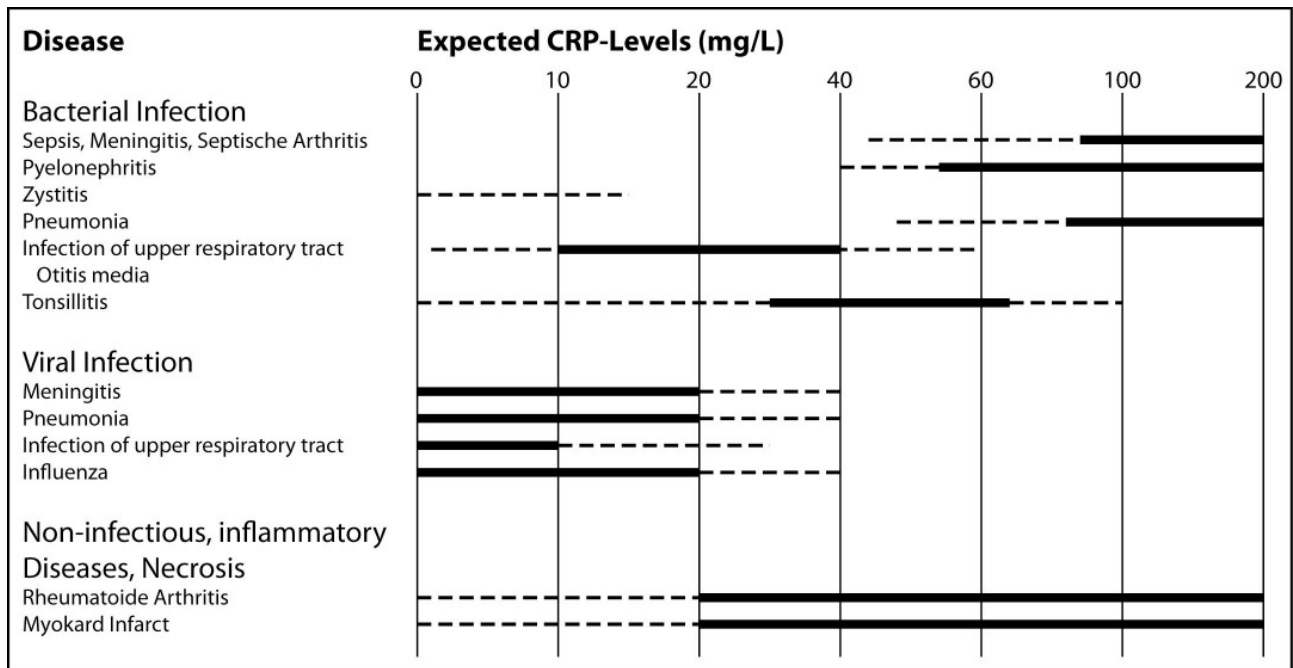
Capillary with 5 μ L blood



Your benefits

- Small sample volume
- Rapid result
- Simple handling

CRP-Levels for some Particular Diseases:



Danesh, J., et. al. 2004. C-reactive protein and other circulating markers of inflammation in the prediction of coronary heart disease. *NEJM*. 350:1387-97.

Gabay, C., and Kushner, I. 1999. Acute-Phase Proteins and other systemic responses to inflammation. *NEJM*. 340:448-54.

Pepys, M.B., and Hirschfield, G.M. 2003. C-reactive protein: a critical update. *J. Clin. Invest.* 111:1805-1812.

INTEX® -CRP Card Test	Content	REF Article number
	20 Test Cards	CRP3020
semi-quantitative	50 Test Cards	CRP3050



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