**Polyclonal Antibody against Human C-reactive Protein**

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| **Host:** | Rabbit | **Cat. No.:** | 11120 |
| **Size:** | 1.5 mg |  |  |
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### Introduction

C-reactive protein (CRP) is a circulating protein mainly secreted from the liver. This acute phase protein consists of five identical non-glycosylated subunits of 23 kDa, that give rise to a symmetrically arranged globular protein with molecular weight of approximately 120 kDa.1 It has long been recognized that CRP is closely related to immunology, inflammation and host defence, as a result it has been used as an inflammatory marker. There is accumulating evidence suggesting the important role that CRP plays in mediating cardiovascular diseases (CVD) and type 2 diabetes.2-4 Normally CRP is presenting only in a trace amount in circulation (<1 μg/ml)5-6 but can increase over 1,000-fold under acute inflammatory state. Individual with blood CRP levels <1 μg/ml, 1-3 μg/ml and >3 μg/ml is considered to have low, moderate and high risk, respectively, of CVD and myocardial infraction.7 Therefore, blood CRP level has become a promising measure of CVD risk.8-9

### Immunogen

Native Human C- reactive Protein (CRP)

### Preperation

Rabbit IgG was purified by protein-G column.

### Applications

Standard ELISA, Immunoturbidimetric assay.

**Formulation**

Solution in PBS.

**Specificity**

The antibody detects human CRP.

**Storage**

Store at –20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/defrost cycles.

### References

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**Contact Us**

* Website: www.immunodiagnostics.com.hk
* E-mail: info@immunodiagnostics.com.hk
* Tel: (+852) 2831 5526; 2831 5508
* Fax: (+852) 2816 2095