



## Rabbit C-reactive protein (CRP) ELISA kit (25,493 Da)

<b>Cat. No.:</b>	OB0625WXX-459
<b>Assay Type:</b>	Quantitative sandwich ELISA
<b>Target Species:</b>	Rabbit
<b>Assay Target:</b>	CRP
<b>Size:</b>	48T; 96T

This product is for research use only and is not intended for diagnostic use.

### Product Overview

<b>Description</b>	Rabbit C-reactive protein (CRP) ELISA kit (25,493 Da) is an ELISA-based <i>in vi tro</i> research tool designed specifically for the quantitative detection of CR P in rabbits. The kit is highly specific, sensitive, and easy to use.
<b>Assay Principle</b>	Antibodies specific for CRP have been pre-coated onto the microtiter plate. Stan dards and samples are pipetted into the wells, and any CRP is bound by the immob ilized antibody. After removing unbound material, a biotin-conjugated antibody s pecific for the CRP is added to the wells. After washing, streptavidin-conjugate d horseradish peroxidase (HRP) is added to the wells. After washing to remove un bound avidin-enzyme reagent, a substrate solution is added to the wells, and the color is developed proportionally to the amount of CRP bound in the first step. The color development is stopped, and the intensity of the color is measured.
<b>Background</b>	CRP is an acute-phase protein of hepatic origin, whose circulating concentration s rise in response to inflammation. It is considered a key plasma protein that c an bind to Leptin, and its potential role in regulating leptin's function in obe sity is crucial.
<b>Synonyms</b>	Pentraxin-related; pentraxin 1; C-RP; PTX1
<b>Formula Weight</b>	25,493 Da
<b>Applications</b>	Rabbit C-reactive protein (CRP) ELISA kit (25,493 Da) is an important tool for t he quantitative detection of CRP in various biological samples (serum, plasma, a nd other biological fluids) of rabbits.



**Research Area** Inflammatory reaction; Obesity research

## Specification

**Sample Type** Serum; Plasma; Other biological fluids

**Cross-reactivity** No significant cross-reactivity or interference was observed.

**Storage** Store at 2-8°C.