

For Research Use Only

CRP Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86912-3-PBS



Basic Information

Catalog Number:

86912-3-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2448

GenBank Accession Number:

BC125135

GeneID (NCBI):

1401

UNIPROT ID:

P02741

Full Name:

C-reactive protein, pentraxin-related

Calculated MW:

224 aa, 25 kDa

Purification Method:

Protein A purification

CloneNo.:

251971C8

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

Species Specificity:

human

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

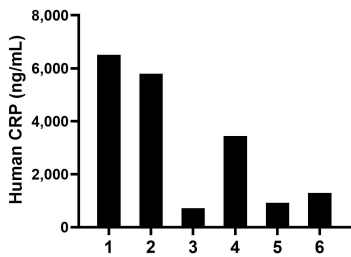
T: 4006900926

E: Proteintech-CN@ptglab.com

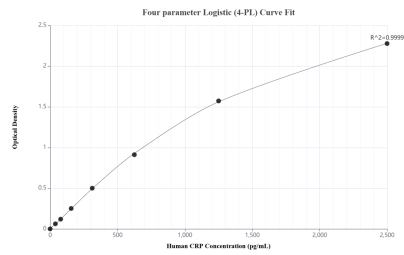
W: ptgcn.com

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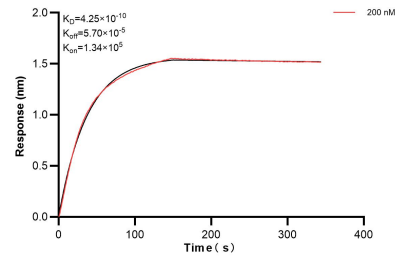
Selected Validation Data



Plasma of six individual healthy human donors was measured. The CRP concentration of detected samples was determined to be 3,111.6 ng/mL with a range of 714.9-6,508.0 ng/mL.



Sandwich ELISA standard curve of MP02771-2, Human CRP Recombinant Matched Antibody Pair - PBS only. 86912-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2448. 86912-3-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL.



Biolayer interferometry (BLI) kinetic assay of 86912-3-PBS against Human CRP was performed. The affinity constant is 0.425 nM.