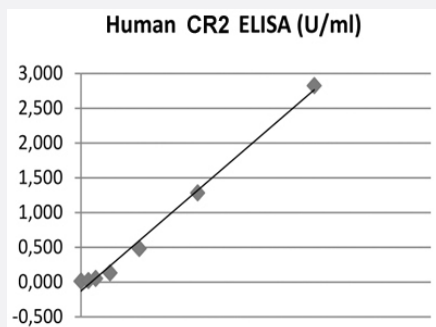


# CR2 (Human) ELISA Kit

Catalog # KA3846

Size 1 Kit

## Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

<b>Product Description</b>	CR2 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human CR2.
<b>Suitable Sample</b>	Cell Culture Supernatant, Plasma, Serum
<b>Sample Volume</b>	100 $\mu$ L
<b>Label</b>	Biotin-conjugated
<b>Detection Method</b>	Colorimetric
<b>Assay Type</b>	Quantitative
<b>Intra-Assay</b>	4.4%
<b>Inter-Assay</b>	4.8%
<b>Calibration Range</b>	3.12 to 100 U/mL
<b>Limit of Detection</b>	<3 U/mL
<b>Reactivity</b>	Human
<b>Regulation Status</b>	For research use only (RUO)

**Quality Control Testing**

## Standard curve

The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

**Storage Instruction**

Store the kit at 4°C.

## Applications

- Quantification

## Gene Info — CR2

**Entrez GeneID**[1380](#)**Gene Name**

CR2

**Gene Alias**

C3DR, CD21, SLEB9

**Gene Description**

complement component (3d/Epstein Barr virus) receptor 2

**Omim ID**[120650 610927](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Complement component receptor-2 (CR2) is the membrane protein on B lymphocytes to which the Epstein-Barr virus (EBV) binds during infection of these cells. See also CR1 (MIM 120620). Yefenof et al. (1976) [PubMed 181330] found complete overlapping of EBV receptors and C3 (MIM 120700) receptors on human B lymphocytes.[supplied by OMIM]

**Other Designations**

OTTHUMP00000034421|OTTHUMP00000034447

## Pathway

- [B cell receptor signaling pathway](#)
- [Complement and coagulation cascades](#)
- [Hematopoietic cell lineage](#)

## Disease

- [Genetic Predisposition to Disease](#)

- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Nasopharyngeal Neoplasms](#)
- [Parkinson disease](#)