

Human Complement Receptor 1, Erythrocyte (CR1) RTU ELISA Kit | CR1 rtu elisa kit

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CATALOG #
AAA69938

REACTIVITY
Human

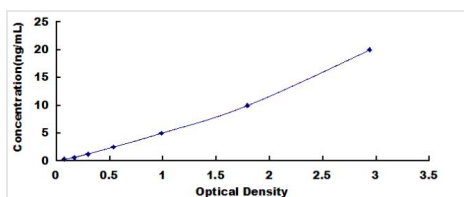
PRODUCT SYNONYMS

Complement Receptor 1; Erythrocyte (CR1); Human Complement Receptor 1; Erythrocyte (CR1) ELISA Kit; CD35; C3BR; KN; C3b/C4b Receptor; Including Knops Blood Group System; Immune Adherence Receptor; CR1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	2039
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.11ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CR1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CR1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CR1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CR1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of CR1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	86793036
NCBI GeneID	1378
NCBI Accession #	NP_000564.2
NCBI GenBank Nucleotide #	NM_000573.3
UniProt Accession #	P17927; Q16744; Q16745; Q5SR43; Q5SR45; Q9UQV2
Molecular Weight	223,663 Da
NCBI Official Full Name	complement receptor type 1 isoform F
NCBI Official Synonym Full Names	complement C3b/C4b receptor 1 (Knops blood group)
NCBI Official Symbol	CR1
NCBI Official Synonym Symbols	KN; C3BR; C4BR; CD35
NCBI Protein Information	complement receptor type 1
UniProt Protein Name	Complement receptor type 1
UniProt Gene Name	CR1
UniProt Synonym Gene Names	C3BR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/complement-receptor-1-erythrocyte-cr1/69938>