

Human CD21 ELISA Kit | CR2 elisa kit

Human CD21 ELISA Kit

CATALOG # AAA261761	REACTIVITY Human	APPLICATIONS ELISA
-------------------------------	----------------------------	------------------------------

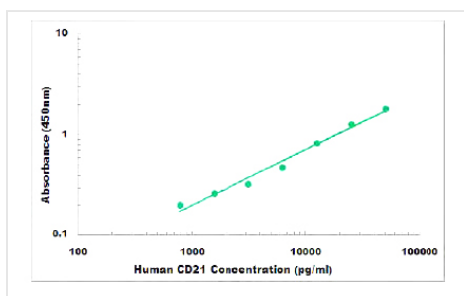
PRODUCT SYNONYMS

CD21; Human CD21 ELISA Kit; C3DR; Complement receptor type 2; Cr2; Complement C3d receptor; Epstein-Barr virus receptor; EBV receptor; CR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human CD21 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human CD21 proteins within the range of 780 pg/ml - 50000 pg/ml.
Sequence Length	1033
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	20 pg/ml.
Applicable Applications for CR2 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CR2 elisa kit	Principle of the Assay The Human CD21 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human CD21 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human CD21 coated on a 96-well plate. Standards and samples are pipetted into the wells and CD21 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human CD21 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CD21 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: Complement receptor type 2(CR2), also known as C3DR or CD21, is a protein that in humans is encoded by the CR2 gene. It is mapped to 1q32.2. CR2 is involved in the complement system. It binds to iC3b(inactive derivative of C3b), C3dg, or C3d. CR2 is the membrane protein on B lymphocytes to which the Epstein-Barr virus (EBV) binds during infection of these cells. CR2, together with CD19, CD81, and CD225, forms the B-cell coreceptor complex, which lowers the activation threshold of the B-cell antigen receptor. Genetic variations in this gene are associated with susceptibility to systemic lupus erythematosus type 9 (SLEB9).
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	215273962
NCBI GeneID	1380
UniProt Accession #	P20023; Q13866; Q14212; Q53EL2; Q5BKT9; Q5SR46; Q5SR48; C9JHD2
Molecular Weight	118,279 Da
NCBI Official Full Name	Complement receptor type 2
NCBI Official Synonym Full Names	complement component 3d receptor 2
NCBI Official Symbol	CR2
NCBI Official Synonym Symbols	CR; C3DR; CD21; CVID7; SLEB9
NCBI Protein Information	complement receptor type 2
UniProt Protein Name	Complement receptor type 2
UniProt Gene Name	CR2
UniProt Synonym Gene Names	C3DR; Cr2; EBV receptor
UniProt Entry Name	CR2_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/cr2-human-elisa-kits/cd21/261761>