

Human CD21/CR2 AccuSignal ELISA Kit - KOA0788

Code: KOA0788

Size: 1 Kit

Product Description: Human CD21/CR2 AccuSignal ELISA Kit - KOA0788

PhysicalState:

Label	Unconjugated
Gene Name	CR2
Species Reactivity	Human
Storage Condition	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
Synonyms	C3DR, CD 21, CD21, CD21 antigen, Complement C3d receptor, Complement component (3d/Epstein Barr virus) receptor 2, Complement component receptor 2, Complement receptor type 2, Cr 2, CR, Cr2, CR2_HUMAN, CVID7, EBV receptor, EBV-R, Epstein Barr virus receptor, Epstein-Barr virus receptor, EVBR, SLEB9
Application Note	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 50ng/ml, 25ng/ml, 12.5ng/ml, 6.25ng/ml, 3.12ng/ml, 1.56ng/ml, 0.78ng/ml human CD21 standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of human cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each human CD21 standard solution and each sample be measured in duplicate.
Background	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).
Purity And Specificity	Natural and recombinant human CD21. There is no detectable cross-reactivity with other relevant proteins.
ELISA	0.78ng/ml-50ng/ml
Expiration	See kit insert for complete instructions.
Immunogen	Expression system for standard: CHO; Immunogen sequence: Ile21-71
Anti-Coagulant	Heparin Sodium

Related Products

MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013
MB-075-1000	10X PBST (0.2 M Potassium Phosphate 1.5 M Sodium Chloride, 0.5% (v/v) Tween-20, pH 7.2) - MB-075-1000

Related Links

UniProtKB - P20023

<http://www.uniprot.org/uniprot/P20023>

 NCBI - http://www.ncbi.nlm.nih.gov/protein/NP_001006659.1
 NP_001006659.1

GeneID - 1380

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=1380>

Disclaimer

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