

Human Complement Component 1, R Subcomponent (C1r) ELISA Kit | C1r elisa kit

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CATALOG #
AAA67711

REACTIVITY
Human

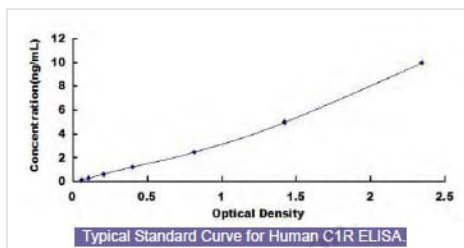
PRODUCT SYNONYMS

Complement Component 1; R Subcomponent (C1r); Human Complement Component 1; R Subcomponent (C1r) ELISA Kit; C1-r; complement Component 1; Complement component 1 subcomponent r; C1r elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of C1R. No significant cross-reactivity or interference between C1R and analogues was observed.
Sequence Length	705
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.061ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level C1R were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level C1R were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1r elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of C1R in human serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to C1R. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to C1R. 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 C1R, 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 +/- 10nm. The concentration of C1R in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66347875
NCBI GeneID	715
NCBI Accession #	NP_001724.3
NCBI GenBank Nucleotide #	NM_001733.4
UniProt Accession #	P00736; Q68D77; Q8J012; A6Njq8
Molecular Weight	80,119 Da
NCBI Official Full Name	complement C1r subcomponent
NCBI Official Synonym Full Names	complement C1r
NCBI Official Symbol	C1R
NCBI Official Synonym Symbols	EDSPD1
NCBI Protein Information	complement C1r subcomponent
UniProt Protein Name	Complement C1r subcomponent
UniProt Gene Name	C1R

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.