

Monkey B-Cell Receptor CD22 ELISA Kit | CD22 elisa kit

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CATALOG #
AAA247478

REACTIVITY
Monkey

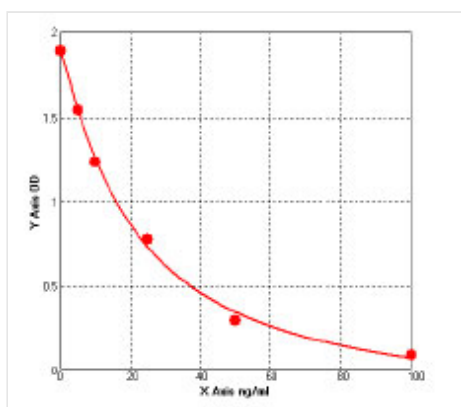
PRODUCT SYNONYMS

B-Cell Receptor CD22; Monkey B-Cell Receptor CD22 ELISA Kit; CD22 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of CD22. No significant cross-reactivity or interference between CD22 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CD22 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	847
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD22 elisa kit	Intended Uses: This CD22 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CD22. This ELISA kit for research use only! Principle of the Assay: CD22 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CD22 antibody and an CD22-HRP conjugate. The assay sample and buffer are incubated together with CD22-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CD22 concentration since CD22 from samples and CD22-HRP conjugate compete for the anti-CD22 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD22 from the sample, fewer sites are left to bind CD22-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD22 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CD22 elisa kit	Immunology; Cancer; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	157168355
NCBI GeneID	933
NCBI Accession #	NP_001762.2
NCBI GenBank Nucleotide #	NM_001771.4
UniProt Accession #	P20273; O95699; O95701; O95702; O95703; Q01665; Q32M46; Q92872; Q92873; Q9UQA6; F5GYU4; F5H7U3
Molecular Weight	75,799 Da
NCBI Official Full Name	B-cell receptor CD22 isoform 1
NCBI Official Synonym Full Names	CD22 molecule
NCBI Official Symbol	CD22
NCBI Official Synonym Symbols	SIGLEC2; SIGLEC-2
NCBI Protein Information	B-cell receptor CD22
UniProt Protein Name	B-cell receptor CD22
UniProt Gene Name	CD22
UniProt Synonym Gene Names	SIGLEC2; BL-CAM; Siglec-2

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/monkey-elisa-kits/b-cell-receptor-cd22/247478>