

Monkey Cluster of Differentiation 68 ELISA Kit | CD68 elisa kit

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CATALOG #
AAA95491

REACTIVITY
Monkey

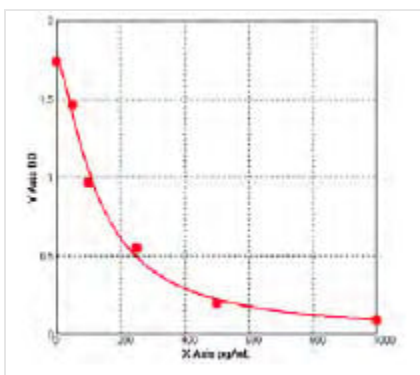
PRODUCT SYNONYMS

Cluster of Differentiation 68; Monkey Cluster of Differentiation 68 ELISA Kit; CD68 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD68 elisa kit

Intended Uses: This CD6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CD6. This ELISA kit for research use only!

Principle of the Assay: CD6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CD6 antibody and an CD6-HRP conjugate. The assay sample and buffer are incubated together with CD6-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 CD6 concentration since CD6 from samples and CD6-HRP conjugate compete for the anti-CD6 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD6 from the sample, fewer sites are left to bind CD6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD6 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	298665
NCBI GeneID	968
Molecular Weight	34,654 Da
NCBI Official Full Name	CD68
NCBI Official Synonym Full Names	CD68 molecule
NCBI Official Symbol	CD68
NCBI Official Synonym Symbols	GP110; LAMP4; SCARD1
NCBI Protein Information	macrosialin; CD68 antigen; macrophage antigen CD68; scavenger receptor class D, member 1
UniProt Protein Name	Macrosialin
UniProt Gene Name	CD68
UniProt Entry Name	CD68_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.

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Online datasheet: <https://stage.aaabiotech.com/cd68-monkey-elisa-kits/cluster-of-differentiation-68/95491>