

Human Cluster of Differentiation 24 ELISA Kit | CD24 elisa kit

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CATALOG #
AAA82421

REACTIVITY
Human

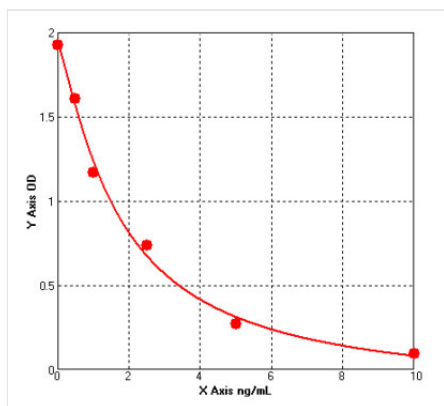
PRODUCT SYNONYMS

Cluster of Differentiation 24; Human Cluster of Differentiation 24 ELISA Kit; CD24 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CD24. No significant cross-reactivity or interference between CD24 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CD24 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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 CD24 elisa kit	Principle of the Assay: CD24 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CD24 antibody and an CD24-HRP conjugate. The assay sample and buffer are incubated together with CD24-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 CD24 concentration since CD24 from samples and CD24-HRP conjugate compete for the anti-CD24 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD24 from the sample, fewer sites are left to bind CD24-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD24 concentration in each sample is interpolated from this standard curve. Intended Uses: This CD24 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CD24. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CD24 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	209405388
NCBI GeneID	100133941
Molecular Weight	8,097 Da
NCBI Official Full Name	CD24
NCBI Official Synonym Full Names	CD24 molecule
NCBI Official Symbol	CD24
NCBI Official Synonym Symbols	CD24A
NCBI Protein Information	signal transducer CD24; CD24 antigen (small cell lung carcinoma cluster 4 antigen)
UniProt Protein Name	Signal transducer CD24
UniProt Gene Name	CD24
UniProt Synonym Gene Names	CD24A
UniProt Entry Name	CD24_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/cd24-human-elisa-kits/cluster-of-differentiation-24/82421>