

Human Cluster of Differentiation 200 ELISA Kit | CD200 elisa kit

Human Cluster of Differentiation 200 ELISA Kit

CATALOG #
AAA83246

REACTIVITY
Human

PRODUCT SYNONYMS

Cluster of Differentiation 200; Human Cluster of Differentiation 200 ELISA Kit; CD200 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD200 elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This CD200 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CD200. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY CD200 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CD200. Standards or samples are then added to the microtiter plate wells and CD200 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CD200 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CD200 are added to each well to "sandwich" the CD200 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CD200 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD200 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CD200 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4204910
NCBI GeneID	6359
Molecular Weight	12,248 Da
NCBI Official Full Name	chemokine
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 15
NCBI Official Symbol	CCL15
NCBI Official Synonym Symbols	LKN1; NCC3; SY15; HCC-2; LKN-1; MIP-5; NCC-3; SCYL3; MIP-1D; MRP-2B; SCYA15; HMRP-2B; MIP-1 delta
NCBI Protein Information	C-C motif chemokine 15; leukotactin 1; chemokine CC-2; new CC chemokine 3; small-inducible cytokine A15; macrophage inflammatory protein 5; small inducible cytokine subfamily A (Cys-Cys), member 15
UniProt Protein Name	C-C motif chemokine 15
UniProt Gene Name	CCL15
UniProt Synonym Gene Names	MIP5; NCC3; SCYA15; HCC-2; LKN-1; MIP-5
UniProt Entry Name	CCL15_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/cd200-human-elisa-kits/cluster-of-differentiation-200/83246>