

Sheep Syndecan-1/CD138 ELISA Kit | SDC1/CD138 elisa kit

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CATALOG #
AAA17114

REACTIVITY
Sheep

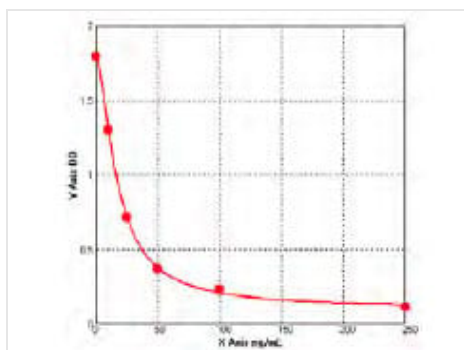
PRODUCT SYNONYMS

Syndecan-1/CD138; Sheep Syndecan-1/CD138 ELISA Kit; SDC1/CD138 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
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 SDC1/CD138 elisa kit

Intended Uses: This CD10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of RatCD10. This ELISA kit for research use only!

Principle of the Assay: CD10 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CD10 antibody and an CD10-HRP conjugate. The assay sample and buffer are incubated together with CD10-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 CD10 concentration since CD10 from samples and CD10-HRP conjugate compete for the anti-CD10 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD10 from the sample, fewer sites are left to bind CD10-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD10 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for SDC1/CD138 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	55749480
NCBI GeneID	6382
NCBI Accession #	NP_001006947.1
NCBI GenBank Nucleotide #	NM_001006946.1
Molecular Weight	32,462 Da
NCBI Official Full Name	syndecan-1
NCBI Official Synonym Full Names	syndecan 1
NCBI Official Symbol	SDC1
NCBI Official Synonym Symbols	SDC; CD138; SYND1; syndecan
NCBI Protein Information	syndecan-1; CD138 antigen; syndecan proteoglycan 1; heparan sulfate proteoglycan fibroblast growth factor receptor
UniProt Protein Name	Syndecan-1
UniProt Gene Name	SDC1
UniProt Synonym Gene Names	SDC; SYND1
UniProt Entry Name	SDC1_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/sdc1-cd138-sheep-elisa-kits/syndecan-1-cd138/17114>