

Sheep Cluster of Differentiation 86 ELISA Kit | CD86/B7-2 elisa kit

Sheep Cluster of Differentiation 86 ELISA Kit

CATALOG # AAA96536	REACTIVITY Sheep
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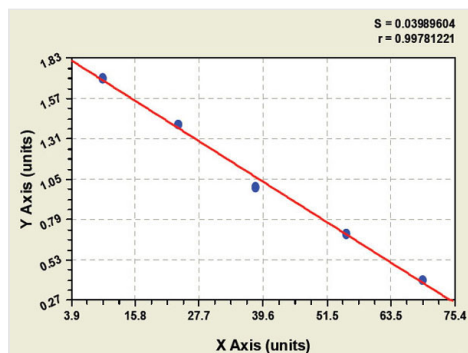
PRODUCT SYNONYMS

Cluster of Differentiation 86; Sheep Cluster of Differentiation 86 ELISA Kit; CD86/B7-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This CD86 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep CD86. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD86/B7-2 elisa kit

Principle of the Assay: CD86 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CD86 antibody and an CD86-HRP conjugate. The assay sample and buffer are incubated together with CD86-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 CD86 concentration since CD86 from samples and CD86-HRP conjugate compete for the anti-CD86 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD86 from the sample, fewer sites are left to bind CD86-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD86 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	84000438
NCBI GeneID	554318
NCBI Accession #	NP_001033105.1
NCBI GenBank Nucleotide #	NM_001038016.1
NCBI Official Full Name	CD86/B7-2 costimulatory molecule
NCBI Official Symbol	LOC554318
NCBI Protein Information	CD86/B7-2 costimulatory molecule; CD86 antigen; B7-1 costimulatory molecule

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.