Sheep Sterile Alpha Motif Domain-Containing 9-Like Protein ELISA Kit | SAMD9L elisa kit

Sheep Sterile Alpha Motif Domain-Containing 9-Like Protein ELISA Kit

CATALOG #	REACTIVITY
AAA96206	**Sheep**

PRODUCT SYNONYMS

Sterile Alpha Motif Domain-Containing 9-Like Protein; Sheep Sterile Alpha Motif Domain-Containing 9-Like Protein ELISA Kit; SAMD9L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This SAMD9L ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep SAMD9L. 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 SAMD9L elisa kit	**Principle of the Assay:** SAMD9L ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SAMD9L antibody and an SAMD9L-HRP conjugate. The assay sample and buffer are incubated together with SAMD9L-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 SAMD9L concentration since SAMD9L from samples and SAMD9L-HRP conjugate compete for the anti-SAMD9L antibody binding site. Since the number of sites is limited, as more sites are occupied by SAMD9L from the sample, fewer sites are left to bind SAMD9L-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SAMD9L concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SAMD9L elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	51339291
NCBI GeneID	219285

NCBI Accession #	NP_689916.2
NCBI GenBank Nucleotide #	NM_152703.2
Molecular Weight	46,852 Da
NCBI Official Full Name	sterile alpha motif domain-containing protein 9-like
NCBI Official Synonym Full Names	sterile alpha motif domain containing 9-like
NCBI Official Symbol	SAMD9L
NCBI Official Synonym Symbols	UEF1; DRIF2; C7orf6
NCBI Protein Information	sterile alpha motif domain-containing protein 9-like; SAM domain-containing protein 9-like
UniProt Protein Name	Sterile alpha motif domain-containing protein 9-like
UniProt Gene Name	**SAMD9L**
UniProt Synonym Gene Names	C7orf6; DRIF2; KIAA2005; UEF; SAM domain-containing protein 9-like
UniProt Entry Name	SAM9L_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/samd9l-sheep-elisa-kits/sterile-alpha-motif-domain-containing-9-like-protein/96206