

Sheep Olfactomedin 4 ELISA Kit | OLFM4 elisa kit

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CATALOG #
AAA88130

REACTIVITY
Sheep

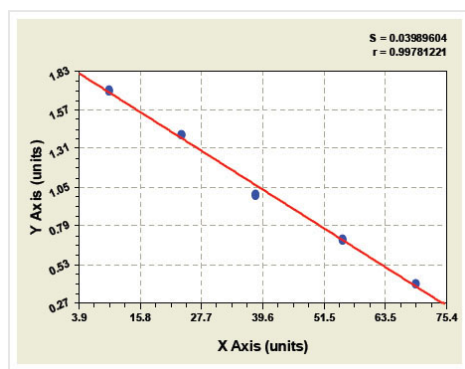
PRODUCT SYNONYMS

Olfactomedin 4; Sheep Olfactomedin 4 ELISA Kit; OLFM4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This OLFM4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep OLFM4. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OLFM4 elisa kit

Principle of the Assay: OLFM4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-OLFM4 antibody and an OLFM4-HRP conjugate. The assay sample and buffer are incubated together with OLFM4-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 OLFM4 concentration since OLFM4 from samples and OLFM4-HRP conjugate compete for the anti-OLFM4 antibody binding site. Since the number of sites is limited, as more sites are occupied by OLFM4 from the sample, fewer sites are left to bind OLFM4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OLFM4 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for OLFM4 elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	32313593
NCBI GeneID	10562
NCBI Accession #	NP_006409.3
NCBI GenBank Nucleotide #	NM_006418.4
Molecular Weight	57,280 Da
NCBI Official Full Name	olfactomedin-4
NCBI Official Synonym Full Names	olfactomedin 4
NCBI Official Symbol	OLFM4
NCBI Official Synonym Symbols	GC1; OLM4; OlfD; GW112; hGC-1; hOLfD; UNQ362; bA209J19.1
NCBI Protein Information	olfactomedin-4; antiapoptotic protein GW112; G-CSF-stimulated clone 1 protein
UniProt Protein Name	Olfactomedin-4
UniProt Gene Name	OLFM4
UniProt Synonym Gene Names	GW112; UNQ362/PRO698; OLM4; hGC-1
UniProt Entry Name	OLFM4_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/olfm4-sheep-elisa-kits/olfactomedin-4/88130>