

Rabbit Olfactomedin 4 ELISA Kit | OLFM4 elisa kit

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CATALOG #
AAA86033

REACTIVITY
Rabbit

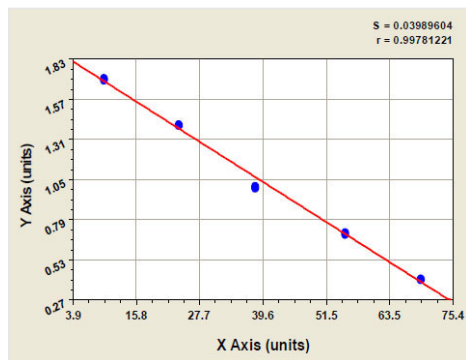
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This OLFM4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit 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.

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; hOLFID; 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.