

Human Olfactomedin 4 ELISA Kit | OLFM4 elisa kit

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CATALOG #
AAA81995

REACTIVITY
Human

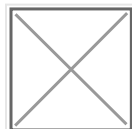
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This OLFM-4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human OLFM-4. 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: OLFM-4 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for OLFM-4. Standards or samples are then added to the microtiter plate wells and OLFM-4 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of OLFM-4 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for OLFM-4 are added to each well to "sandwich" the OLFM-4 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain OLFM-4 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OLFM-4 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-human-elisa-kits/olfactomedin-4/81995>