

Human olfactomedin-like 2B ELISA Kit | OLFML2B elisa kit

Human Olfactomedin-like protein 2B, OLFML2B ELISA Kit

CATALOG #
AAA112268

REACTIVITY
Human

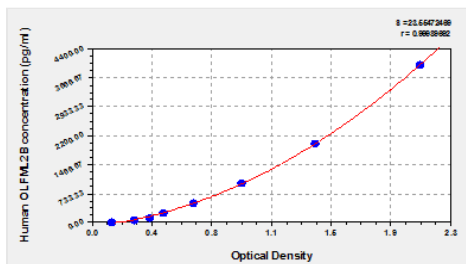
PRODUCT SYNONYMS

olfactomedin-like 2B; Human Olfactomedin-like protein 2B; OLFML2B ELISA Kit; Human Olfactomedin-like protein 2B (OLFML2B) ELISA kit; MGC51337; RP11-227F8.1; photomedin-2; OLFML2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human OLFML2B. No significant cross-reactivity or interference between human OLFML2B and analogues was observed.
Sequence Length	750
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	62.5 pg/ml -4000 pg/ml.
Sensitivity	The minimum detectable dose of human OLFML2B is typically less than 15.6 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OLFML2B elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for OLFML2B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any OLFML2B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for OLFML2B is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of OLFML2B bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46195719
NCBI GeneID	25903
NCBI Accession #	NP_056256.1
NCBI GenBank Nucleotide #	NM_015441.2
UniProt Accession #	Q68BL8; Q5VU96; Q6NX46; Q86X11; Q9Y3X6; B7ZA39
Molecular Weight	83,999 Da
NCBI Official Full Name	olfactomedin-like protein 2B isoform 2
NCBI Official Synonym Full Names	olfactomedin-like 2B
NCBI Official Symbol	OLFML2B
NCBI Protein Information	olfactomedin-like protein 2B; photomedin-2
UniProt Protein Name	Olfactomedin-like protein 2B
UniProt Gene Name	OLFML2B
UniProt Entry Name	OLM2B_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://www.aaabiotech.com/olfml2b-human-elisa-kits/olfactomedin-like-2b/112268>