

SEMA3F elisa kit

Rat SEMA3F PicoKine ELISA Kit

CATALOG #
AAA125037

REACTIVITY
Rat There is no detectable cross-reactivity with other relevant proteins.

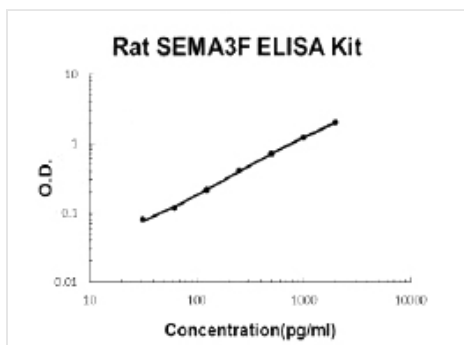
PRODUCT SYNONYMS

SEMA3F; Rat SEMA3F PicoKine ELISA Kit; Rat SEMA3F; Plexin-A3; Plxna3; Semaphorin 3F; SEMA3F elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat There is no detectable cross-reactivity with other relevant proteins.
Specificity	Natural and recombinant Rat SCGB3A1
Sequence Length	1,872
Samples	Cell Culture Supernates, Serum And Plasma(Heparin Or Edta)
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEMA3F elisa kit	Principle of the Assay: The Picokine Rat SCGB3A1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Rat SCGB3A1 with a 96-well strip plate that is pre-coated with antibody specific for SCGB3A1. The detection antibody is a biotinylated antibody specific for SCGB3A1. The capture antibody is A monoclonal antibody from mouse, the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Rat SCGB3A1 with immunogen: Expression system for standard: E.coli, Immunogen sequence: F22-G104. The kit is analytically validated with ready to use reagents. To measure Rat SCGB3A1, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Rat SCGB3A1 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Rat SCGB3A1 in the sample!!Background/Introduction: Secretoglobin family 3A member 1 is a protein that in humans is encoded by the SCGB3A1 gene. It is mapped to 10q21. Members of the secretogloblin family, such as SCGB3A1, are secreted proteins of about 10 kD that are found in high concentrations in fluids of lung, lacrimal gland, salivary gland, prostate, uterus, and other tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	164518900
NCBI GeneID	309280
NCBI Accession #	NP_001101051.2
NCBI GenBank Nucleotide #	NM_001107581.2
UniProt Accession #	D3ZPX4
Molecular Weight	207,982 Da
NCBI Official Full Name	plexin-A3
NCBI Official Synonym Full Names	plexin A3
NCBI Official Symbol	Plxn3
NCBI Official Synonym Symbols	SEX; Plxn4
NCBI Protein Information	plexin-A3
UniProt Protein Name	Plexin-A3
UniProt Gene Name	Plxn3

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/rat-elisa-kits/sema3f/125037>