

Human signal peptide, CUB domain, EGF-like 1 ELISA Kit | SCUBE1 elisa kit

Human Signal Peptide, CUB and EGF-like Domain-containing Protein 1, SCUBE1 ELISA Kit

CATALOG #
AAA80789

REACTIVITY
Human

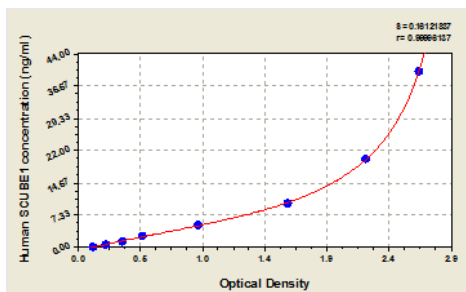
PRODUCT SYNONYMS

signal peptide; CUB domain; EGF-like 1; Human Signal Peptide; CUB and EGF-like Domain-containing Protein 1; SCUBE1 ELISA Kit; CUB and EGF-like Domain-containing Protein 1 (SCUBE1) ELISA Kit; signal peptide-CUB domain-EGF-related 1; SCUBE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SCUBE1. No significant cross-reactivity or interference between human SCUBE1 and analogues was observed.
Sequence Length	988
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	0.625 ng/ml -40 ng/ml.
Sensitivity	0.156 ng /ml.
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 SCUBE1 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SCUBE1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SCUBE1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SCUBE1 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 SCUBE1 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 #	120587029
NCBI GeneID	80274
NCBI Accession #	NP_766638.2
NCBI GenBank Nucleotide #	NM_173050.3
UniProt Accession #	Q8IWY4; Q5R336
Molecular Weight	107,910 Da
NCBI Official Full Name	signal peptide, CUB and EGF-like domain-containing protein 1
NCBI Official Synonym Full Names	signal peptide, CUB domain, EGF-like 1
NCBI Official Symbol	SCUBE1
NCBI Protein Information	signal peptide, CUB and EGF-like domain-containing protein 1; signal peptide-CUB domain-EGF-related 1
UniProt Protein Name	Signal peptide, CUB and EGF-like domain-containing protein 1
UniProt Gene Name	SCUBE1
UniProt Entry Name	SCUB1_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/scube1-human-elisa-kits/signal-peptide-cub-domain-egf-like-1/80789>