

Human RFTN1 (Raftlin) ELISA Kit | RFTN1 elisa kit

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CATALOG #
AAA250496

REACTIVITY
Human

PRODUCT SYNONYMS

RFTN1 (Raftlin); Human RFTN1 (Raftlin) ELISA Kit; Raftlin; Cell migration-inducing gene 2 protein; Raft-linking protein; KIAA0084; MIG2; RFTN1; RFTN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RFTN1. No significant cross-reactivity or interference between RFTN1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for RFTN1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41872577
NCBI GeneID	23180
NCBI Accession #	NP_055965.1
NCBI GenBank Nucleotide #	NM_015150.1
UniProt Accession #	Q14699 ; Q0D2G0 ; Q496Y2 ; Q4QQI7 ; Q5JB48 ; Q7Z7P2
Molecular Weight	63,146 Da
NCBI Official Full Name	raftlin
NCBI Official Synonym Full Names	raftlin, lipid raft linker 1

NCBI Official Symbol	RFTN1
NCBI Official Synonym Symbols	MIG2; PIG9; PIB10; RAFTLIN
NCBI Protein Information	raftlin; raft-linking protein; proliferation-inducing protein 9; proliferation-inducing protein 10; cell migration-inducing gene 2 protein
UniProt Protein Name	Raftlin
UniProt Gene Name	RFTN1
UniProt Synonym Gene Names	KIAA0084
UniProt Entry Name	RFTN1_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/human-elisa-kits/rftn1-raftlin/250496>