

Human Raftlin (RFTN1) ELISA Kit | RFTN1 elisa kit

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CATALOG #
AAA27294

REACTIVITY
Human

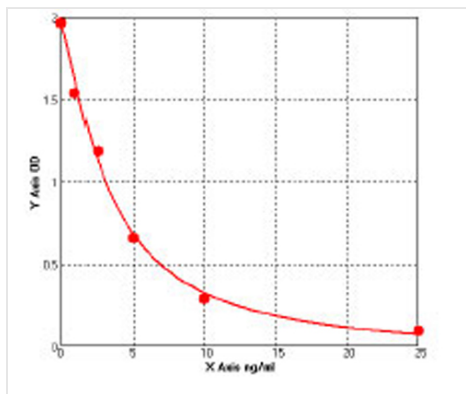
PRODUCT SYNONYMS

Raftlin (RFTN1); Human Raftlin (RFTN1) ELISA Kit; 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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RFTN1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RFTN1 elisa kit	Principle of the Assay: RFTN1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-RFTN1 antibody and an RFTN1-HRP conjugate. The assay sample and buffer are incubated together with RFTN1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the RFTN1 concentration since RFTN1 from samples and RFTN1-HRP conjugate compete for the anti-RFTN1 antibody binding site. Since the number of sites is limited, as more sites are occupied by RFTN1 from the sample, fewer sites are left to bind RFTN1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RFTN1 concentration in each sample is interpolated from this standard curve. Intended Uses: This RFTN1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RFTN1. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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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
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; MIG2
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.