

Human Fibulin-3/EFEMP1 ELISA Kit | EFEMP1 elisa kit

Human Fibulin-3/EFEMP1 PicoKine ELISA Kit

CATALOG #
AAA11675

REACTIVITY
Human

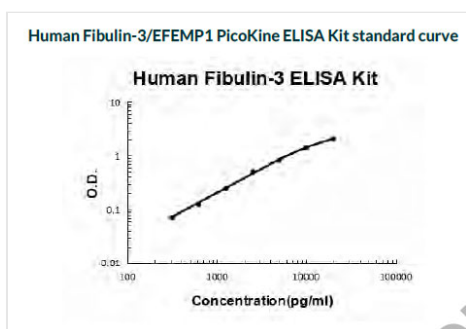
PRODUCT SYNONYMS

Fibulin-3/EFEMP1; Human Fibulin-3/EFEMP1 PicoKine ELISA Kit; DHRD; DRAD; EFEMP 1; EFEMP1; FBLN 3; FBLN3; FBNL; FIBL3; FIBL-3; FIBL 3; FIBULIN 3; FIBULIN-3; FIBULIN3; MLVT; MTLV; S1 5; T16 protein; Q12805; EGF-containing fibulin-like extracellular matrix protein 1; EGF containing fibulin-like extracellular matrix protein 1; EFEMP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human EFEMP1
Sequence Length	493
Samples	Cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Detection Range	312 pg/ml - 20,000 pg/ml
Sensitivity	<10 pg/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 across 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, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice).

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EFEMP1 elisa kit	Background: EGF-containing fibulin-like extracellular matrix protein 1 is a protein that in humans is encoded by the EFEMP1 gene. This gene encodes a member of the fibulin family of extracellular matrix glycoproteins. Like all members of this family, the encoded protein contains tandemly repeated epidermal growth factor-like repeats followed by a C-terminus fibulin-type domain. This gene is upregulated in malignant gliomas and may play a role in the aggressive nature of these tumors. Mutations in this gene are associated with Doyme honeycomb retinal dystrophy. Alternatively spliced transcript variants that encode the same protein have been described. Principle of the Assay: The Picokine™ Human EFEMP1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Human EFEMP1 with a 96-well strip plate that is pre-coated with antibody specific for EFEMP1. The detection antibody is a biotinylated antibody specific for EFEMP1. The capture antibody is polyclonal antibody from goat and the detection antibody is polyclonal antibody from goat. The kit includes Human EFEMP1 protein as standards. To measure Human EFEMP1, 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 an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Human EFEMP1 in the sample. Read the absorbance 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 Human EFEMP1 in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	86788015
NCBI GeneID	2202
NCBI Accession #	NP_001034437.1
NCBI GenBank Nucleotide #	NM_001039348.2
UniProt Accession #	Q12805; Q541U7; A8K3I4; B4DW75; D6W5D2
Molecular Weight	39,195 Da
NCBI Official Full Name	EGF-containing fibulin-like extracellular matrix protein 1
NCBI Official Synonym Full Names	EGF containing fibulin like extracellular matrix protein 1
NCBI Official Symbol	EFEMP1
NCBI Official Synonym Symbols	DHRD; DRAD; FBNL; MLVT; MTLV; S1-5; FBLN3; FIBL-3
NCBI Protein Information	EGF-containing fibulin-like extracellular matrix protein 1
UniProt Protein Name	EGF-containing fibulin-like extracellular matrix protein 1
UniProt Gene Name	EFEMP1
UniProt Synonym Gene Names	FBLN3; FBNL; FIBL-3
UniProt Entry Name	FBLN3_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/human-elisa-kits/fibulin-3-efemp1/11675>