

Human Fibulin 3 (FBLN3) CLIA Kit | FBLN3 clia kit

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CATALOG # AAA189106	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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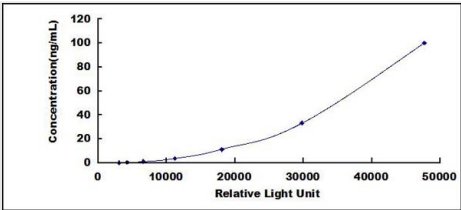
PRODUCT SYNONYMS

Fibulin 3 (FBLN3); Human Fibulin 3 (FBLN3) CLIA Kit; Fibulin 3; EFEMP1; DHRD; DRAD; FBNL; MLVT; MTLV; S1-5; EGF-Containing Fibulin-Like Extracellular Matrix Protein 1; Fibrillin-Like; Extracellular protein S1-5; FBLN3 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Fibulin 3 (FBLN3). No significant cross-reactivity or interference between Fibulin 3 (FBLN3) and analogues was observed.
Sequence Length	493
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma, urine and other biological fluids
Detection Range	0.14-100ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.07ng/mL
Applicable Applications for FBLN3 clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Fibulin 3 (FBLN3) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Fibulin 3 (FBLN3) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Fibulin 3 (FBLN3). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Fibulin 3 (FBLN3). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Fibulin 3 (FBLN3) level in the sample or standard.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	86788015
NCBI GeneID	2202
NCBI Accession #	NP_001034437.1
NCBI GenBank Nucleotide #	NP_001034437.1
UniProt Accession #	Q12805
NCBI Official Full Name	EGF-containing fibulin-like extracellular matrix protein 1
NCBI Official Synonym Full Names	EGF containing fibulin 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-clia-kits/fibulin-3-fbln3/189106>