

Mouse fibulin 1 ELISA Kit | FBLN1 elisa kit

Mouse Fibulin-1, FBLN1 ELISA Kit

CATALOG #
AAA112659

REACTIVITY
Mouse

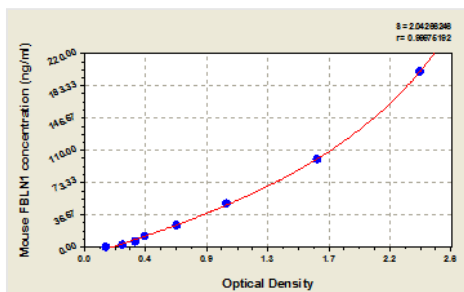
PRODUCT SYNONYMS

fibulin 1; Mouse Fibulin-1; FBLN1 ELISA Kit; Mouse Fibulin-1 (FBLN1) ELISA kit; CTA-941F9.7; FBLN; ; FBLN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse FBLN1. No significant cross-reactivity or interference between mouse FBLN1 and analogues was observed.
Sequence Length	705
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	3.12 ng/ml -200 ng/ml.
Sensitivity	The minimum detectable dose of mouse FBLN1 is typically less than 0.78 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 FBLN1 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FBLN1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FBLN1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FBLN1 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 FBLN1 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 #	168693628
NCBI GeneID	14114
NCBI Accession #	NP_034310.2
NCBI GenBank Nucleotide #	NM_010180.2
UniProt Accession #	Q08879; Q08878; Q8C3B1; Q91ZC9; Q922K8
Molecular Weight	78,033 Da
NCBI Official Full Name	fibulin-1
NCBI Official Synonym Full Names	fibulin 1
NCBI Official Symbol	Fbln1
NCBI Protein Information	fibulin-1; BM-90; FIBL-1; basement-membrane protein 90; BM-90/fibulin extracellular matrix glycoprotein
UniProt Protein Name	Fibulin-1
UniProt Gene Name	Fbln1
UniProt Synonym Gene Names	FIBL-1; BM-90
UniProt Entry Name	FBLN1_MOUSE

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.