

Human Fibromodulin ELISA Kit | FMOD elisa kit

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CATALOG #
AAA99567

REACTIVITY
Human

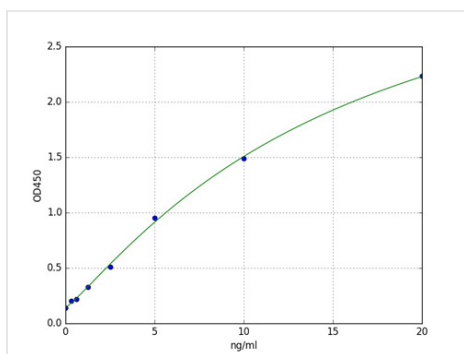
PRODUCT SYNONYMS

Fibromodulin; Human Fibromodulin ELISA Kit; FMOD (Fibromodulin)/FM/SLRR2E/Collagen-binding 59 kDa protein/fibromodulin proteoglycan/Keratan sulfate proteoglycan fibromodulin; FMOD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	376
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
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

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a FMOD ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.068	0.115	0.168	0.278	0.484	0.892	1.512	2.423

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FMOD elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-FMOD antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-FMOD antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 FMOD amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of FMOD can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71040111
NCBI GeneID	2331
NCBI Accession #	NP_002014.2
NCBI GenBank Nucleotide #	NM_002023.4
Molecular Weight	43,179 Da
NCBI Official Full Name	fibromodulin
NCBI Official Synonym Full Names	fibromodulin
NCBI Official Symbol	FMOD
NCBI Official Synonym Symbols	FM; SLRR2E
NCBI Protein Information	fibromodulin
UniProt Protein Name	Fibromodulin
UniProt Gene Name	FMOD
UniProt Synonym Gene Names	FM; SLRR2E; FM; KSPG fibromodulin
UniProt Entry Name	FMOD_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/fmod-human-elisa-kits/fibromodulin/99567>