

Human FMOD (Fibromodulin) CLIA Kit | FMOD clia kit

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CATALOG #
AAA170813

REACTIVITY
Human

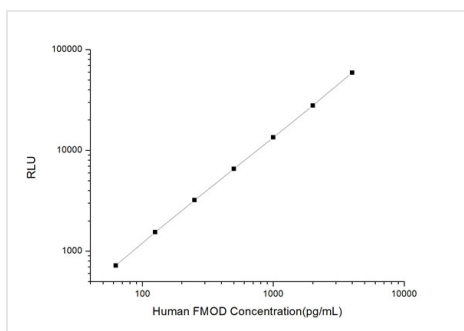
PRODUCT SYNONYMS

FMOD (Fibromodulin); Human FMOD (Fibromodulin) CLIA Kit; SLRR2E; SLRR2-E; FMOD clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant FMOD. No significant cross-reactivity or interference between FMOD and analogues was observed.
Sequence Length	376
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FMOD clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of FMOD concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to FMOD. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for FMOD and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain FMOD, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of FMOD. You can calculate the concentration of FMOD in the samples by comparing the RLU value of the samples to the standard curve.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-clia-kits/fmod-fibromodulin/170813>