

Mouse Ficolin 2 (FCN2) ELISA Kit | FCN2 elisa kit

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CATALOG #
AAA150022

REACTIVITY
Mouse

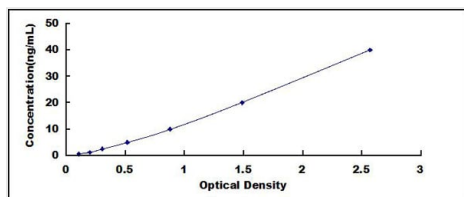
PRODUCT SYNONYMS

Ficolin 2 (FCN2); Mouse Ficolin 2 (FCN2) ELISA Kit; EBP37; FCNL; P35; Hucolin; 37 kDa elastin-binding protein; Collagen/Fibrinogen Domain Containing Lectin; Ficolin B; Serum Lectin p35; L-Ficolin; FCN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Ficolin 2 (FCN2). No significant cross-reactivity or interference between Ficolin 2 (FCN2) and analogues was observed.
Sequence Length	314
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	0.625-40ng/mL
Sensitivity	0.247ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Ficolin 2 (FCN2) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Ficolin 2 (FCN2) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
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)

ADDITIONAL INFORMATION

Related Product Information for FCN2 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Ficolin 2 (FCN2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Ficolin 2 (FCN2). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Ficolin 2 (FCN2), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Ficolin 2 (FCN2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for FCN2 elisa kit	Infection Immunity; Hematology; Cardiovascular Biology; Hepatology

NCBI AND UNIPROT INFORMATION

NCBI GI #	77404440
NCBI GeneID	14134
NCBI Accession #	NP_034320.1
NCBI GenBank Nucleotide #	NP_034320.1
UniProt Accession #	O70497
NCBI Official Full Name	ficolin-2
NCBI Official Synonym Full Names	ficolin B
NCBI Official Symbol	Fcnb
NCBI Official Synonym Symbols	Fcn2
NCBI Protein Information	ficolin-2
UniProt Protein Name	Ficolin-2
UniProt Gene Name	Fcn2
UniProt Synonym Gene Names	Fcnb

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/mouse-elisa-kits/ficolin-2-fcn2/150022>