

Human Ficolin-2 ELISA Kit | FCN2 elisa kit

Human Ficolin-2 PicoKine ELISA Kit

CATALOG #
AAA45748

REACTIVITY
Human

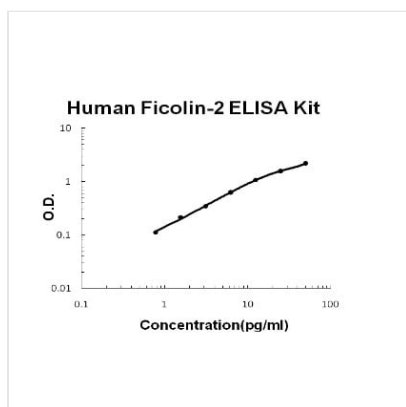
PRODUCT SYNONYMS

Ficolin-2; Human Ficolin-2 PicoKine ELISA Kit; ficolin (collagen/fibrinogen domain containing lectin) 2; 37 kDa elastin-binding protein; Collagen/fibrinogen domain containing protein 2; Collagen/fibrinogen domain-containing protein 2; EBP 37; EBP-37; EBP37; FCN 2; Fcn2; FCN2_HUMAN; FCNL; Ficolin (collagen/fibrinogen domain containing lectin) 2 (hucolin); Ficolin B; Ficolin beta; Ficolin-B; Ficolin-beta; Ficolin2; Hucolin; L ficolin; L-ficolin; OTTHUMP00000022518; P35; RP11 263F14.2; Serum lectin p35; FCN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human Ficolin-2
Sequence Length	313
Samples	Cell culture supernates, serum and plasma(heparin).
Assay Type	Sandwich
Detection Range	0.78ng/ml-50ng/ml
Sensitivity	< 20pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human Ficolin-2 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for FCN2 elisa kit	Principle of the Assay: The nL;man Ficolin-2 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for Ficolin-2 has been precoated onto 96-well plates. Standards(NSO. L26-A313) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for Ficolin-2 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 human Ficolin-2 amount of sample captured in plate. Background/Introduction: Ficolin-2, which was initially identified as L-ficolin, is a protein that in humans is encoded by the FCN2 gene. The product of this gene belongs to the ficolin family of proteins. This family is characterized by the presence of a leader peptide. a short N-terminal segment, followed by a collagen-like region, and a C-terminal fibrinogen-like domain. It is mapped to 9q34.3. This gene is predominantly expressed in the liver, and has been shown to have carbohydrate binding and opsonic activities. Serum concentration of ficolin-2 varies considerably in healthy individuals. FCN2 promoter polymorphisms were associated with marked changes in the ficolin-2 serum concentration.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166214934
NCBI GeneID	2220
UniProt Accession #	Q15485; Q6IS69; Q7M4P4; Q9UC57; A6NFG7; A8K478
Molecular Weight	30,228 Da
NCBI Official Full Name	Ficolin-2
NCBI Official Synonym Full Names	ficolin (collagen/fibrinogen domain containing lectin) 2
NCBI Official Symbol	FCN2
NCBI Official Synonym Symbols	P35; FCNL; EBP-37; ficolin-2
NCBI Protein Information	ficolin-2; L-ficolin; ficolin B; ficolin-B; ficolin-beta; serum lectin p35; 37 kDa elastin-binding protein; collagen/fibrinogen domain-containing protein 2; ficolin (collagen/fibrinogen domain containing lectin) 2 (hucolin)
UniProt Protein Name	Ficolin-2
UniProt Gene Name	FCN2
UniProt Synonym Gene Names	FCNL
UniProt Entry Name	FCN2_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.