

Human Ficolin-1, FCN1 ELISA Kit | FCN1 elisa kit

Human Ficolin-1, FCN1 Primacu ELISA Kit

CATALOG #
AAA124263

REACTIVITY
Human

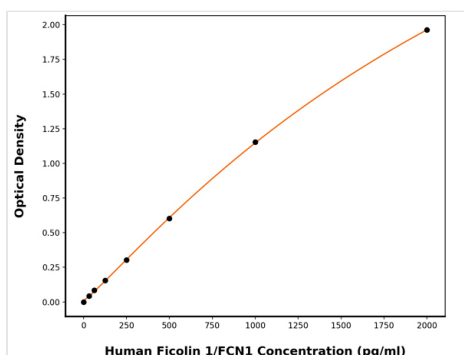
PRODUCT SYNONYMS

Ficolin-1; FCN1; Human Ficolin-1; FCN1 Primacu ELISA Kit; ficolin 1; FCNM; FCN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	31.25-2000pg/mL
Sensitivity	9.25pg/mL
Standard Solution	20ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for FCN1 elisa kit	Ficolins are humoral molecules of the innate immune systems which recognize carbohydrate molecules on pathogens, apoptotic and necrotic cells. The Ficolin family of proteins are 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. Ficolins are humoral molecules of the innate immune systems which recognize carbohydrate molecules on pathogens, apoptotic and necrotic cells. Three Ficolins have been identified in humans: L-Ficolin, H-Ficolin and M-Ficolin (also referred to as Ficolin-2, -3 and -1, respectively). They are soluble oligomeric defence proteins with lectin-like activity and they are structurally similar to the human collectins, mannan-binding lectin (MBL) and surfactant protein A and D. Dysfunction or abnormal expressions of Ficolins may involved in the pathogenesis of human diseases including infectious and inflammatory diseases, autoimmune disease and clinical syndrome of preeclampsia. They are soluble oligomeric defence proteins with lectin-like activity and they are structurally similar to the human collectins, mannan-binding lectin (MBL) and surfactant protein A and D. Upon recognition of the infectious agent, the Ficolins act through two distinct routes: initiate the lectin pathway of complement activation through attached serine proteases (MASPs), and a primitive opsonophagocytosis thus limiting the infection and concurrently orchestrating the subsequent adaptive clonal immune response. Ficolin-1 (FCN1) is predominantly expressed in the peripheral blood leukocytes.
Product Categories/Family for FCN1 elisa kit	Primacu ELISA Kit; Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	20455484
NCBI GeneID	2219
UniProt Accession #	O00602; Q5VYV5; Q92596
Molecular Weight	326
NCBI Official Full Name	Ficolin-1
NCBI Official Synonym Full Names	ficolin (collagen/fibrinogen domain containing) 1
NCBI Official Symbol	FCN1
NCBI Official Synonym Symbols	FCNM
NCBI Protein Information	ficolin-1; M-ficolin; ficolin-A; ficolin-alpha; collagen/fibrinogen domain-containing protein 1; ficolin (collagen/fibrinogen domain-containing) 1
UniProt Protein Name	Ficolin-1
UniProt Gene Name	FCN1
UniProt Synonym Gene Names	FCNM
UniProt Entry Name	FCN1_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/human-elisa-kits/ficolin-1-fcn1/124263>