

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

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CATALOG #
AAA245642

REACTIVITY
Human

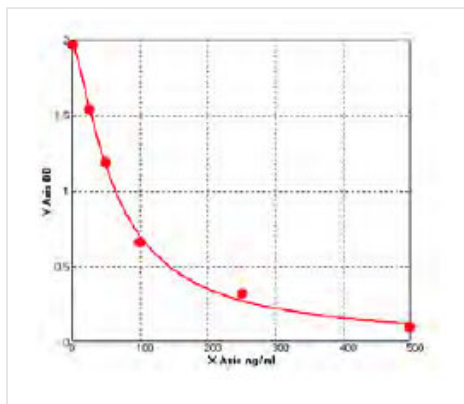
PRODUCT SYNONYMS

Ficolin 2 (FCN2); Human Ficolin 2 (FCN2) ELISA Kit; FCN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FCN2. No significant cross-reactivity or interference between FCN2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FCN2 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FCN2 elisa kit	Principle of the Assay: FCN2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FCN2 antibody and an FCN2-HRP conjugate. The assay sample and buffer are incubated together with FCN2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FCN2 concentration since FCN2 from samples and FCN2-HRP conjugate compete for the anti-FCN2 antibody binding site. Since the number of sites is limited, as more sites are occupied by FCN2 from the sample, fewer sites are left to bind FCN2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FCN2 concentration in each sample is interpolated from this standard curve. Intended Uses: This FCN2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FCN2. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for FCN2 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	166214934
NCBI GeneID	2220
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.