

Human Visfatin ELISA Kit | VF elisa kit

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CATALOG #
AAA83719

REACTIVITY
Human

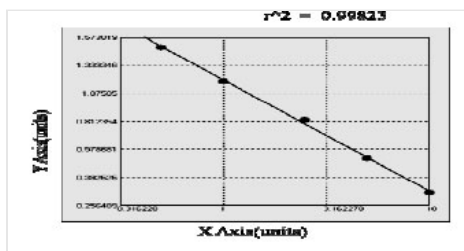
PRODUCT SYNONYMS

Visfatin; Human Visfatin ELISA Kit; VF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VF elisa kit

Intended Uses: This VF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human VF.

Principle of the Assay: VF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-VF antibody and an VF-HRP conjugate. The assay sample and buffer are incubated together with VF-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 VF concentration since VF from samples and VF-HRP conjugate compete for the anti-VF antibody binding site. Since the number of sites is limited, as more sites are occupied by VF from the sample, fewer sites are left to bind VF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VF concentration in each sample is interpolated from this standard curve.

Product Categories/Family for VF elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	160415772
Molecular Weight	55,951 Da
NCBI Official Full Name	visfatin
UniProt Protein Name	Visfatin
UniProt Gene Name	PBEF
UniProt Entry Name	A9LRS6_9TELE

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/vf-human-elisa-kits/visfatin/83719>