

Human Cryptic protein (CFC1) ELISA Kit | CFC1 elisa kit

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CATALOG #
AAA246519

REACTIVITY
Human

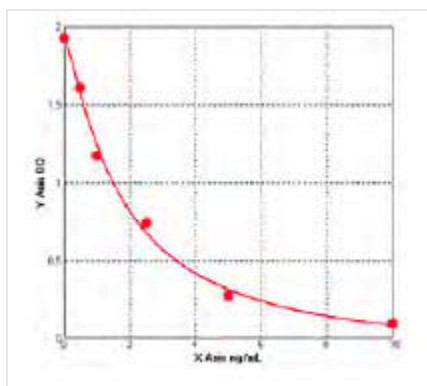
PRODUCT SYNONYMS

Cryptic protein (CFC1); Human Cryptic protein (CFC1) ELISA Kit; CFC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ug/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CFC1 elisa kit

Intended Uses: This CFB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CFB. This ELISA kit for research use only!

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	46854798
NCBI GeneID	55997
Molecular Weight	24,612 Da
NCBI Official Full Name	Cryptic
NCBI Official Synonym Full Names	cripto, FRL-1, cryptic family 1
NCBI Official Symbol	CFC1
NCBI Official Synonym Symbols	HTX2; CFC1B; DTGA2; CRYPTIC
NCBI Protein Information	cryptic protein; cryptic family protein 1; heterotaxy 2 (autosomal dominant)
UniProt Protein Name	Cryptic protein
UniProt Gene Name	CFC1
UniProt Entry Name	CFC1_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://www.aaabiotech.com/human-elisa-kits/cryptic-protein-cfc1/246519>