

Human IgGFc-binding protein ELISA Kit | FCGBP elisa kit

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CATALOG #
AAA98054

REACTIVITY
Human

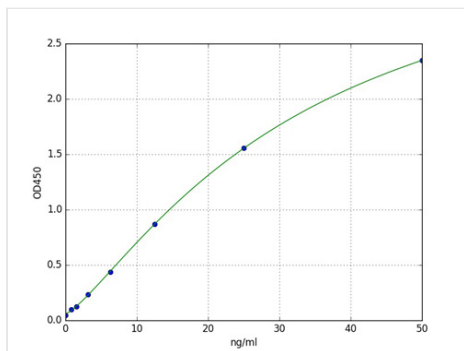
PRODUCT SYNONYMS

IgGFc-binding protein; Human IgGFc-binding protein ELISA Kit; FCGBP/IgGFc-binding protein/Fcgamma-binding protein antigen/FcgammaBP; FCGBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	5405
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Human FCGBP ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.065	0.128	0.192	0.328	0.626	0.919	1.700	2.216

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FCGBP elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human FCGBP antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human FCGBP antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 FCGBP amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human FCGBP can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

154146262

NCBI GeneID	8857
NCBI Accession #	NP_003881.2
NCBI GenBank Nucleotide #	NM_003890.2
Molecular Weight	572,017 Da
NCBI Official Full Name	IgGFc-binding protein
NCBI Official Synonym Full Names	Fc fragment of IgG binding protein
NCBI Official Symbol	FCGBP
NCBI Official Synonym Symbols	FC(GAMMA)BP
NCBI Protein Information	IgGFc-binding protein
UniProt Protein Name	IgGFc-binding protein
UniProt Gene Name	FCGBP
UniProt Synonym Gene Names	FcgammaBP
UniProt Entry Name	FCGBP_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/fcgbp-human-elisa-kits/iggfc-binding-protein/98054>