

Human folliculin ELISA Kit | FLCN elisa kit

Human Folliculin, FLCN ELISA Kit

CATALOG #
AAA113082

REACTIVITY
Human

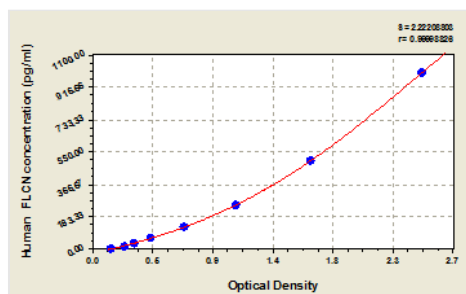
PRODUCT SYNONYMS

folliculin; Human Folliculin; FLCN ELISA Kit; Human Folliculin (FLCN) ELISA kit; BHD; DKFZp547A118; FLCL; FLJ45004; FLJ99377; MGC17998; MGC23445; ; FLCN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human FLCN. No significant cross-reactivity or interference between human FLCN and analogues was observed.
Sequence Length	342
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	15.6 pg/ml -1000 pg/ml.
Sensitivity	The minimum detectable dose of human FLCN is typically less than 3.9 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FLCN elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FLCN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FLCN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FLCN is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FLCN bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21389403
NCBI GeneID	201163
NCBI Accession #	NP_653207.1
NCBI GenBank Nucleotide #	NM_144606.5
UniProt Accession #	Q8NFG4; Q6ZRX1; Q96BD2; Q96BE4; A6NJJ8
Molecular Weight	64,473 Da
NCBI Official Full Name	folliculin isoform 2
NCBI Official Synonym Full Names	folliculin
NCBI Official Symbol	FLCN
NCBI Official Synonym Symbols	BHD; FLCL
NCBI Protein Information	folliculin; birt-Hogg-Dube syndrome protein; BHD skin lesion fibrofolliculoma protein
UniProt Protein Name	Folliculin
UniProt Gene Name	FLCN
UniProt Synonym Gene Names	BHD
UniProt Entry Name	FLCN_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/flcn-human-elisa-kits/folliculin/113082>