

Human cofilin 1 (non-muscle) ELISA Kit | CFL1 elisa kit

Human Cofilin-1, CFL1 ELISA Kit

CATALOG #
AAA112753

REACTIVITY
Human

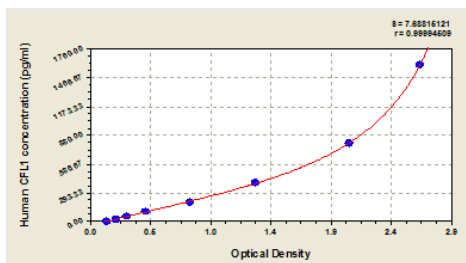
PRODUCT SYNONYMS

cofilin 1 (non-muscle); Human Cofilin-1; CFL1 ELISA Kit; Human Cofilin-1 (CFL1) ELISA kit; CFL1 ; CFL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CFL1. No significant cross-reactivity or interference between human CFL1 and analogues was observed.
Sequence Length	166
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	25 pg/ml-1600 pg/ml.
Sensitivity	The minimum detectable dose of human CFL1 is typically less than 6.25 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 CFL1 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CFL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CFL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CFL1 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 CFL1 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 #	5031635
NCBI GeneID	1072
NCBI Accession #	NP_005498.1
NCBI GenBank Nucleotide #	NM_005507.2
UniProt Accession #	P23528; Q53Y87; Q9UCA2; B3KUQ1
Molecular Weight	18,502 Da
NCBI Official Full Name	cofilin-1
NCBI Official Synonym Full Names	cofilin 1 (non-muscle)
NCBI Official Symbol	CFL1
NCBI Official Synonym Symbols	CFL; HEL-S-15
NCBI Protein Information	cofilin-1; p18; 18 kDa phosphoprotein; cofilin, non-muscle isoform; epididymis secretory protein Li 15
UniProt Protein Name	Cofilin-1
UniProt Gene Name	CFL1
UniProt Synonym Gene Names	CFL; p18
UniProt Entry Name	COF1_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/cfl1-human-elisa-kits/cofilin-1-non-muscle/112753>