

Human Cofilin 2, Muscle (CFL2) ELISA Kit | CFL2 elisa kit

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CATALOG #
AAA68005

REACTIVITY
Human

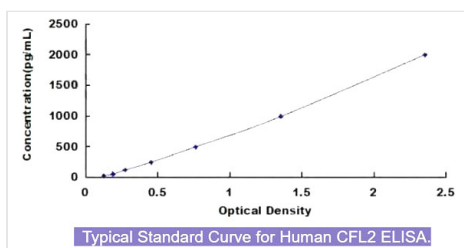
PRODUCT SYNONYMS

Cofilin 2; Muscle (CFL2); Human Cofilin 2; Muscle (CFL2) ELISA Kit; CFL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CFL2. No significant cross-reactivity or interference between CFL2 and analogues was observed.
Sequence Length	â€”
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Detection Range	31.2-2000pg/mL
Sensitivity	< 13.72pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CFL2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CFL2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CFL2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CFL2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CFL2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CFL2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of CFL2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CFL2 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	343887344
NCBI GeneID	1073
NCBI Accession #	NP_001230574.1
NCBI GenBank Nucleotide #	NM_001243645.1
UniProt Accession #	Q9Y281; G3V5P4
Molecular Weight	~ Da
NCBI Official Full Name	cofilin-2 isoform 2
NCBI Official Synonym Full Names	cofilin 2
NCBI Official Symbol	CFL2
NCBI Official Synonym Symbols	NEM7
NCBI Protein Information	cofilin-2
UniProt Protein Name	Cofilin-2
UniProt Gene Name	CFL2

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.