

Mouse Cofilin 2, Muscle ELISA Kit | CFL2 elisa kit

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CATALOG #
AAA86830

REACTIVITY
Mouse

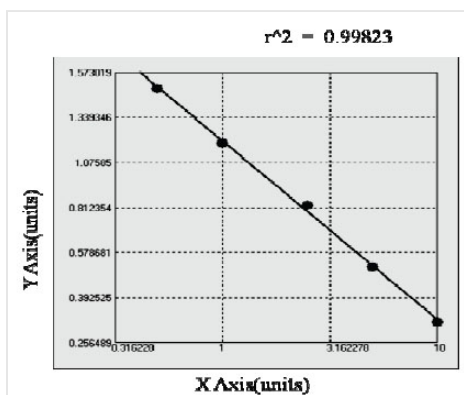
PRODUCT SYNONYMS

Cofilin 2; Muscle; Mouse Cofilin 2; Muscle ELISA Kit; CFL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CFL2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CFL2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CFL2 elisa kit

Principle of the Assay: CFL2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CFL2 antibody and an CFL2-HRP conjugate. The assay sample and buffer are incubated together with CFL2-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 CFL2 concentration since CFL2 from samples and CFL2-HRP conjugate compete for the anti-CFL2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CFL2 from the sample, fewer sites are left to bind CFL2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CFL2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33946278
NCBI GeneID	1073
NCBI Accession #	NP_619579.1
NCBI GenBank Nucleotide #	NM_138638.4
Molecular Weight	– Da
NCBI Official Full Name	cofilin-2 isoform 1
NCBI Official Synonym Full Names	cofilin 2 (muscle)
NCBI Official Symbol	CFL2
NCBI Official Synonym Symbols	NEM7
NCBI Protein Information	cofilin-2; cofilin, muscle isoform; nemaline myopathy type 7
UniProt Protein Name	Cofilin-2
UniProt Gene Name	CFL2
UniProt Entry Name	COF2_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/cfl2-mouse-elisa-kits/cofilin-2-muscle/86830>