

Rat CFL2 ELISA Kit | CFL2 elisa kit

Rat CFL2 (Cofilin 2, Muscle) ELISA Kit

CATALOG #
AAA165283

REACTIVITY
Rat

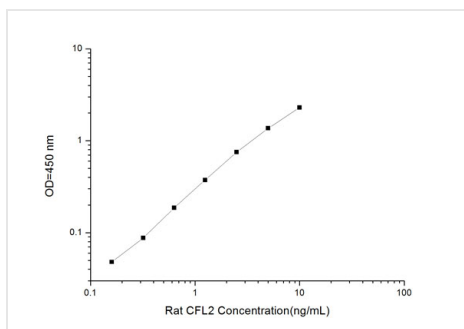
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat CFL2. No significant cross-reactivity or interference between Rat CFL2 and analogues was observed.
Sequence Length	149
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CFL2 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat CFL2 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to CFL2. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CFL2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CFL2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of CFL2. You can calculate the concentration of CFL2 in the samples by comparing the OD of the samples to the standard curve.
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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 (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.