

Rat CFL1 ELISA Kit | CFL1 elisa kit

Rat CFL1 (Cofilin 1, Non-Muscle) ELISA Kit

CATALOG #
AAA163409

REACTIVITY
Rat

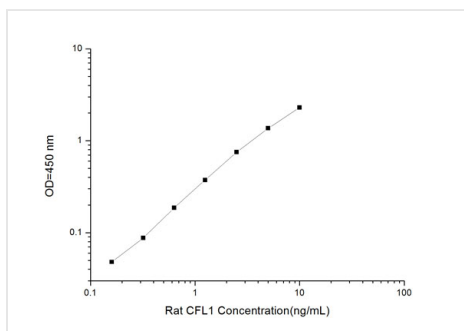
PRODUCT SYNONYMS

CFL1; Rat CFL1 (Cofilin 1; Non-Muscle) ELISA Kit; CFL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat CFL1. No significant cross-reactivity or interference between Rat CFL1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat CFL1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	166
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 CFL1 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CFL1 in Rat 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 Rat CFL1. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat CFL1 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 Rat CFL1, 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 Rat CFL1. You can calculate the concentration of Rat CFL1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1177471
NCBI GeneID	1072
UniProt Accession #	P23528; Q53Y87; Q9UCA2; B3KUQ1
Molecular Weight	18,502 Da
NCBI Official Full Name	cofilin
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; 18 kDa phosphoprotein; cofilin, non-muscle isoform; epididymis secretory protein Li 15; p18
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.