

Hamster Cofilin-1 (CFL1) ELISA Kit | CFL1 elisa kit

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CATALOG #
AAA190385

REACTIVITY
Hamster

PRODUCT SYNONYMS

Cofilin-1 (CFL1); Hamster Cofilin-1 (CFL1) ELISA Kit; CFL1; CFL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Hamster
Specificity	This assay has high sensitivity and excellent specificity for detection of Hamster CFL1. No significant cross-reactivity or interference between Hamster CFL1 and analogues was observed.
Assay Type	Sandwich
Assay	Serum, Plasma, Other biological fluids
Analysis Method	Quantitive
Detection Wavelength	450nm
Sample Volume	1-200uL
Assay Duration	1-4.5h
Precision	Intra-assay Precision (Precision within an assay): Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. $CV (\%) = SD/mean \times 100$ Intra-Assay: CV Inter-Assay: CV
Test Principle	This assay employs a two-site sandwich ELISA to quantitate CFL1 in samples. An 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, Streptavidin 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.
Preparation and Storage	Store at 2-8 degree C. Please refer to Instruction Manual.

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://www.aaabiotech.com/hamster-elisa-kits/cofilin-1-cfl1/190385>