

Human ACTG1 (Actin Gamma 1) CLIA Kit | ACTG1 clia kit

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CATALOG #
AAA170812

REACTIVITY
Human

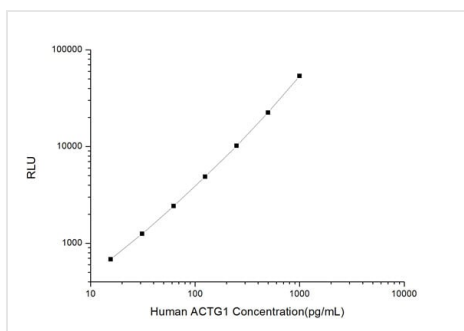
PRODUCT SYNONYMS

ACTG1 (Actin Gamma 1); Human ACTG1 (Actin Gamma 1) CLIA Kit; ACTG; BRWS2; DFNA20; DFNA26; ACTG1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant ACTG1. No significant cross-reactivity or interference between ACTG1 and analogues was observed.
Sequence Length	376
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACTG1 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of ACTG1 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to ACTG1. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for ACTG1 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 ACTG1, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of ACTG1. You can calculate the concentration of ACTG1 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	638252234
NCBI GeneID	103175484
NCBI Accession #	NP_001279247.1
NCBI GenBank Nucleotide #	NM_001292318.1
NCBI Official Full Name	actin, gamma 1
NCBI Official Symbol	actg1
NCBI Official Synonym Symbols	beta-actin
NCBI Protein Information	actin, gamma 1

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/human-clia-kits/actg1-actin-gamma-1/170812>