

Human Actinin Alpha 3 (ACTN3) ELISA Kit | ACTN3 elisa kit

Human Actinin Alpha 3 (ACTN3) ELISA Kit

CATALOG #
AAA136990

REACTIVITY
Human

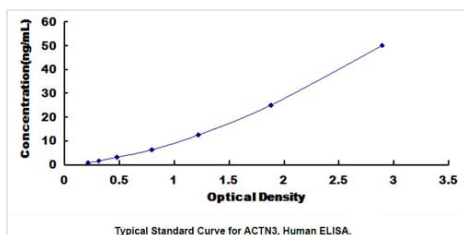
PRODUCT SYNONYMS

Actinin Alpha 3 (ACTN3); Human Actinin Alpha 3 (ACTN3) ELISA Kit; ACTN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Tissue homogenates, Cell lysates and other biological fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL The standard curve concentrations used for the ELISA's were 50ng/mL, 25ng/mL, 12.5ng/mL, 6.25ng/mL, 3.125ng/mL, 1.563ng/mL, 0.781ng/mL
Sensitivity	0.29ng/mL
Preparation and Storage	For unopened kit, all the reagents should be kept according to the label on each vial. The Standard, Detection Reagent A, Detection Reagent B and the 96-well strip plate should be stored at -20 degree C while others should be at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACTN3 elisa kit

The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Actinin Alpha 3 (ACTN3). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Actinin Alpha 3 (ACTN3). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Actinin Alpha 3 (ACTN3), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Actinin Alpha 3 (ACTN3) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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.