

Human beta adducin (ADD2) ELISA Kit | ADD2 elisa kit

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CATALOG #
AAA244914

REACTIVITY
Human

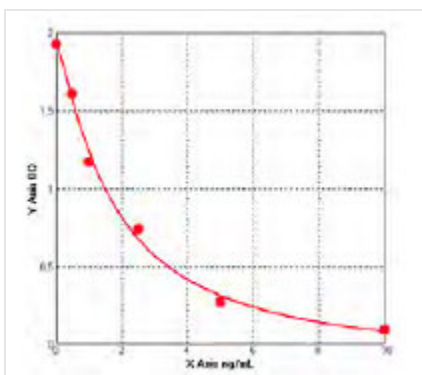
PRODUCT SYNONYMS

beta adducin (ADD2); Human beta adducin (ADD2) ELISA Kit; Human b adducin (ADD2) ELISA Kit; ADD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ADD2. No significant cross-reactivity or interference between ADD2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ADD2 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADD2 elisa kit	Intended Uses: This ADD2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanADD2. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: ADD2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ADD2 antibody and an ADD2-HRP conjugate. The assay sample and buffer are incubated together with ADD2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ADD2 concentration since ADD2 from samples and ADD2-HRP conjugate compete for the anti-ADD2 antibody binding site. Since the number of sites is limited, as more sites are occupied by ADD2 from the sample, fewer sites are left to bind ADD2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADD2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ADD2 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	543774
NCBI GeneID	119
Molecular Weight	64,217 Da
NCBI Official Full Name	Beta-adducin
NCBI Official Synonym Full Names	adducin 2 (beta)
NCBI Official Symbol	ADD2
NCBI Official Synonym Symbols	ADDB
NCBI Protein Information	beta-adducin; erythrocyte adducin subunit beta
UniProt Protein Name	Beta-adducin
UniProt Gene Name	ADD2
UniProt Synonym Gene Names	ADDB
UniProt Entry Name	ADDB_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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/beta-adducin-add2/244914>