

Human ADCY4 (Adenylate Cyclase 4) ELISA Kit | ADCY4 elisa kit

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CATALOG #
AAA163660

REACTIVITY
Human

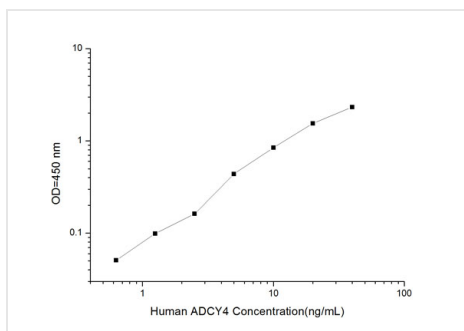
PRODUCT SYNONYMS

ADCY4 (Adenylate Cyclase 4); Human ADCY4 (Adenylate Cyclase 4) ELISA Kit; ADCY4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human ADCY4. No significant cross-reactivity or interference between Human ADCY4 and analogues was observed.
Sequence Length	1077
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.625-40ng/mL
Sensitivity	0.375ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADCY4 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanADCY4concentrations in 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 ADCY4. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for ADCY4and 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 ADCY4, 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 ADCY4.You can calculate the concentration of ADCY4in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	310832386
NCBI GeneID	196883
NCBI Accession #	NP_001185497.1
NCBI GenBank Nucleotide #	NM_001198568.1
UniProt Accession #	Q8NFM4; Q17R40; Q96ML7; B3KV74; D3DS75
Molecular Weight	119,794 Da
NCBI Official Full Name	adenylate cyclase type 4
NCBI Official Synonym Full Names	adenylate cyclase 4
NCBI Official Symbol	ADCY4
NCBI Official Synonym Symbols	AC4
NCBI Protein Information	adenylate cyclase type 4; adenylyl cyclase 4; ATP pyrophosphate-lyase 4; adenylate cyclase type IV
UniProt Protein Name	Adenylate cyclase type 4
UniProt Gene Name	ADCY4
UniProt Entry Name	ADCY4_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.