

Human Adenylate Cyclase Type 6 (ADCY6) ELISA Kit | ADCY6 elisa kit

Human Adenylate Cyclase Type 6 (ADCY6) ELISA Kit

CATALOG #
AAA331120

REACTIVITY
Human

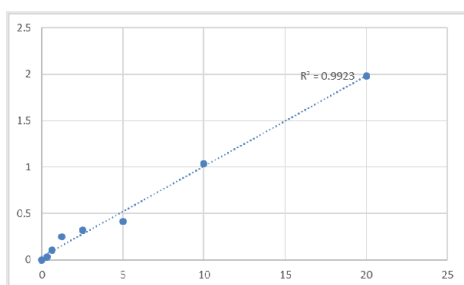
PRODUCT SYNONYMS

Adenylate Cyclase Type 6 (ADCY6); Human Adenylate Cyclase Type 6 (ADCY6) ELISA Kit; ADCY6; AC6; DKFZp779F075; KIAA0422; ADCY6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Adenylate cyclase type 6 (ADCY6) ELISA Kit has high sensitivity and excellent specificity for detection of Human ADCY6. No significant cross-reactivity or interference between Human ADCY6 and analogues was observed.
Sequence Length	1168
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Adenylate cyclase type 6 (ADCY6) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ADCY6 elisa kit	Description: This Human Adenylate cyclase type 6 (ADCY6) ELISA Kit employs a two-site sandwich ELISA to quantitate ADCY6 in samples. An antibody specific for ADCY6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADCY6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADCY6 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 ADCY6 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Adenylate cyclase type 6 is a membrane-associated enzyme and catalyzes the formation of the secondary messenger cyclic adenosine monophosphate (cAMP). The expression of this gene is found in normal thyroid and brain tissues, as well as some tumors; and its expression is significantly higher in one hyperfunctioning thyroid tumor than in normal thyroid tissue. Alternative splicing generates 2 transcript variants. By Southern blot analysis of somatic cell hybrid DNAs, Gaudin et al. (1994) mapped the ADCY6 gene to chromosome 12. The homologous mouse gene is located on chromosome 15 in the F region.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	10181096
NCBI GeneID	112
NCBI Accession #	NP_056085.1
NCBI GenBank Nucleotide #	NP_056085.1
UniProt Accession #	O43306
NCBI Official Full Name	adenylate cyclase type 6
NCBI Official Synonym Full Names	adenylate cyclase 6
NCBI Official Symbol	ADCY6
NCBI Official Synonym Symbols	AC6; LCCS8
NCBI Protein Information	adenylate cyclase type 6
UniProt Protein Name	Adenylate cyclase type 6
UniProt Gene Name	ADCY6
UniProt Synonym Gene Names	KIAA0422
UniProt Entry Name	ADCY6_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.