

Human ADRA1D (Alpha-1D adrenergic receptor) ELISA Kit | ADRA1D elisa kit

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CATALOG #
AAA250053

REACTIVITY
Human

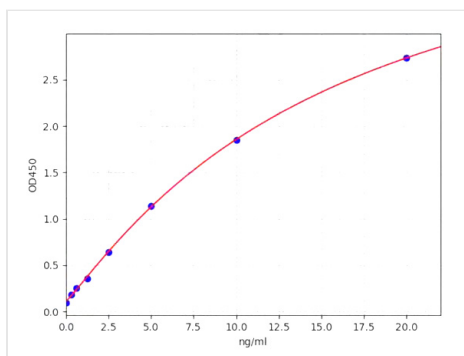
PRODUCT SYNONYMS

ADRA1D (Alpha-1D adrenergic receptor); Human ADRA1D (Alpha-1D adrenergic receptor) ELISA Kit; ADRA1D; Alpha-1D adrenergic receptor; Alpha-1A adrenergic receptor; Alpha-1D adrenoceptor; Alpha-adrenergic receptor 1a; ADRA1A; ADRA1D elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ADRA1D. No significant crossreactivity or interference between ADRA1D and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADRA1D elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4501957
NCBI GeneID	146
NCBI Accession #	NP_000669.1
NCBI GenBank Nucleotide #	NM_000678.3
UniProt Accession #	P25100; Q9NPY0
Molecular Weight	60,463 Da
NCBI Official Full Name	alpha-1D adrenergic receptor
NCBI Official Synonym Full Names	adrenoceptor alpha 1D
NCBI Official Symbol	ADRA1D
NCBI Official Synonym Symbols	DAR; ADRA1; ADRA1A; ADRA1R; ALPHA1; dJ779E11.2
NCBI Protein Information	alpha-1D adrenergic receptor; alpha-1D adrenoceptor; alpha-1D adrenoreceptor; alpha-1A adrenergic receptor; alpha-1D-adrenergic receptor; alpha-adrenergic receptor 1a; adrenergic, alpha-1A-, receptor; adrenergic, alpha-1D-, receptor; adrenergic, alpha -1D
UniProt Protein Name	Alpha-1D adrenergic receptor
UniProt Gene Name	ADRA1D
UniProt Synonym Gene Names	ADRA1A; Alpha-1D adrenoceptor
UniProt Entry Name	ADA1D_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/adra1d-alpha-1d-adrenergic-receptor/250053>