

Human Adhesion G Protein-Coupled Receptor E5, ADGRE5 ELISA Kit | ADGRE5 elisa kit

Human Adhesion G Protein-Coupled Receptor E5, ADGRE5 Primacu ELISA Kit

CATALOG #
AAA124267

REACTIVITY
Human

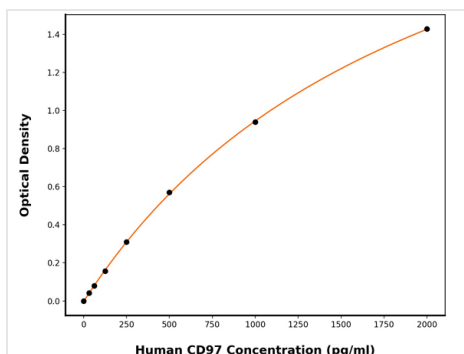
PRODUCT SYNONYMS

Adhesion G Protein-Coupled Receptor E5; ADGRE5; Human Adhesion G Protein-Coupled Receptor E5; ADGRE5 Primacu ELISA Kit; Adhesion G protein-coupled receptor E5; CD97; ADGRE5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	31.25-2000pg/mL
Sensitivity	11.36pg/mL
Standard Solution	20ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for ADGRE5 elisa kit	The cluster of differentiation (CD) system is commonly used as cell markers in immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules which associating with the immune function of the cell. There are more than 32 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. Some CD proteins do not take part in cell signal process but have other functions such as cell adhesion. The CD97 is a receptor predominantly expressed in leukocytes and belongs to a new group of seven-span transmembrane molecules, which is also designed EGF-TM7 family. The family members are characterized by an extended extracellular region with several N-terminal epidermal growth factor-like domains two of which contain a calcium-binding site. Mature CD 97 has two noncovalently associated subunits and is composed of a large extracellular protein (CD97 alpha) and a seven-membrane spanning protein (CD97 beta). CD97 is considered as a defining feature of G protein-coupled receptors. The effects that lymphocytes and erythrocytes adhere to CD97-transfected COS cells suggest that CD97 has the ability to bind cellular ligands. CD97 alpha has three alternatively spliced isoforms that are related to the calcium-binding EGF-like repeats in the microfibril protein fibrillin. Leukocytes strongly positive for CD97 are concentrated at sites of inflammation relative to CD97 expression in normal lymphoid tissues.
Product Categories/Family for ADGRE5 elisa kit	Primacu ELISA Kit; Immunology; Signal transduction; Neuroscience; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	68508955
NCBI GeneID	976
NCBI Accession #	NP_001020331.1
NCBI GenBank Nucleotide #	NM_001025160.2
UniProt Accession #	P48960; O00718; O76101; Q8NG72; Q8TBQ7; A8K7Z4; B2RBJ9
Molecular Weight	91,869 Da
NCBI Official Full Name	CD97 antigen isoform 3 preproprotein
NCBI Official Synonym Full Names	CD97 molecule
NCBI Official Symbol	CD97
NCBI Official Synonym Symbols	TM7LN1
NCBI Protein Information	CD97 antigen; leukocyte antigen CD97; seven-span transmembrane protein; seven transmembrane helix receptor; seven-transmembrane, heterodimeric receptor associated with inflammation
UniProt Protein Name	CD97 antigen
UniProt Gene Name	CD97
UniProt Entry Name	CD97_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://stage.aaabiotech.com/human-elisa-kits/adhesion-g-protein-coupled-receptor-e5-adgre5/124267>