

Human CD25 ELISA Kit | IL2RA elisa kit

Human CD25 ELISA Kit

CATALOG # AAA261706	REACTIVITY Human	APPLICATIONS ELISA
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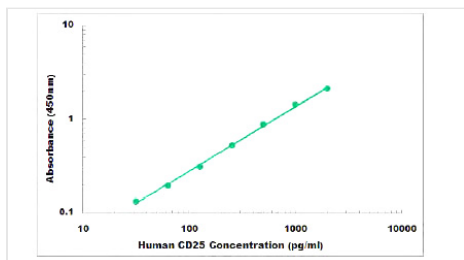
PRODUCT SYNONYMS

CD25; Human CD25 ELISA Kit; Interleukin-2 receptor subunit alpha; IL-2 receptor subunit alpha; IL-2-RA; IL-2R subunit alpha; IL2-RA; TAC antigen; p55; IL2RA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human CD25 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human CD25 proteins within the range of 31.3 pg/ml - 2000 pg/ml.
Sequence Length	272
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	15 pg/ml.
Applicable Applications for IL2RA elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL2RA elisa kit	Principle of the Assay The Human CD25 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human CD25 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human CD25 coated on a 96-well plate. Standards and samples are pipetted into the wells and CD25 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human CD25 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CD25 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: CD25 is the alpha chain of the IL-2 receptor. It is a type I transmembrane protein present on activated T cells, activated B cells, some thymocytes, myeloid precursors, and oligodendrocytes that associates with CD122 to form a heterodimer that can act as a high-affinity receptor for IL-2. The IL2R gene was mapped to 10p15-p14. CD25 is expressed in most B-cell neoplasms, some acute nonlymphocytic leukemias, neuroblastomas, and tumor infiltrating lymphocytes. Its soluble form, called sIL-2R may be elevated in these diseases and is occasionally used to track disease progression.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124317
NCBI GeneID	3559
UniProt Accession #	P01589; Q5W007
Molecular Weight	30,819 Da
NCBI Official Full Name	Interleukin-2 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 2 receptor subunit alpha
NCBI Official Symbol	IL2RA
NCBI Official Synonym Symbols	p55; CD25; IL2R; IMD41; TCGFR; IDDM10
NCBI Protein Information	interleukin-2 receptor subunit alpha
UniProt Protein Name	Interleukin-2 receptor subunit alpha
UniProt Gene Name	IL2RA
UniProt Synonym Gene Names	IL-2 receptor subunit alpha; IL-2-RA; IL-2R subunit alpha; IL2-RA
UniProt Entry Name	IL2RA_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/il2ra-human-elisa-kits/cd25/261706>