

Human CD25,IL-2sR Alpha ELISA Kit

Catalog No: #EK5166



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Description

Product Name	Human CD25,IL-2sR Alpha ELISA Kit
Specificity	Human
Crossing Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Immunogen Type	NSO,E22-C213
Other Names	Interleukin-2 receptor subunit alpha; IL-2 receptor subunit alpha; IL-2-RA; IL-2R subunit alpha; IL2-RA; TAC antigen; p55; CD25; IL2RA;
Accession No.	P01589
Uniprot	P01589
GeneID	3559;
Cell Localization	Membrane; Single-pass type I membraneprotein.

Application Details

sensitivity:5pg mlDetect Range:78pg ml-5000pg ml
sample_type:cell culture supernates cell lysates tissue homogenates serum and plasma (heparin EDTA).
capture_antibody:monoclonal antibody from mousedetection_antibody:polyclonal antibody from goat
gene_name:IL2RAprotein_name:Interleukin-2 receptor subunit alpha
gene_full_name:Interleukin-2 receptor subunit alpha
tissue_specificity:sequence_similarities:Contains 2 Sushi (CCP SCR) domains.
tmb_incubation:15-20minresearch_category:immunology|adaptive immunity|t cells|cd|innate immunity|cytokines|interleukins

Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human CD25,IL-2sR alpha

Background

protein_function: Receptor for interleukin-2.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.

Note: This product is for in vitro research use only