

CD25 elisa kit

Human CD25 ELISA Kit

CATALOG #
AAA58610

REACTIVITY
Human. No cross reactivity with other human soluble receptors.

PRODUCT SYNONYMS

CD25; Human CD25 ELISA Kit; CD25 / IL-2R; CD25 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human. No cross reactivity with other human soluble receptors.
Specificity	Recognizes both natural and recombinant human soluble IL-2R
Sequence Length	160
Samples	Supernatants, buffered solutions or serum and plasma samples
Sensitivity	The sensitivity or minimum detectable dose of CD25 using this CD25 ELISA kit was found to be 32.5pg/ml. This was determined by adding 2 standard deviations to the mean OD obtained when the zero standard was assayed in 6 independent experiments.
Intra-assay Precision	Reproducibility within the assay will be evaluated in three independent experiments. Each assay will be carried out with 6 replicates (3 duplicates) in 2 human pooled serum, 2 in RPMI and 2 in standard diluent with samples containing different concentrations of CD25. 2 standard curves were run on each plate The overall intra-assay coefficient of variation has been calculated to be 4.5%.
Inter-assay Precision	Assay to assay reproducibility within one laboratory will be evaluated in three independent experiments by two technicians. Each assay will be carried out with 6 replicates (3 duplicates) in 2 human pooled serum, 2 in RPMI and 2 in standard diluent with samples containing different concentrations of CD25. 2 standard curves were run on each plate. The calculated overall coefficient of variation was 10.3%.
Intended Uses	The sCD25 ELISA kit is a solid phase sandwich ELISA for the in-vitro qualitative and quantitative determination of sCD25 in supernatants, buffered solutions or serum and plasma samples. This assay will recognise both natural and recombinant human sCD25.

ADDITIONAL INFORMATION

Related Product Information for CD25 elisa kit	AAA Biotech ELISA Kits include pre-coated strip plates, biotinylated secondary antibody, standards, controls (where applicable), buffers, streptavidin-HRP, TMB, stop reagents, and a detailed procedure.
Product Categories/Family for CD25 elisa kit	Human ELISA Kit
References	Botella-Carretero J. I. et al., Eur. J. Endocrinol., 2005; 153(2): 223 - 230 Dennert, R. et al., Clin. Vaccine Immunol.,2012; 19(8): 1182-1187 Foussat A. et al., Blood, 2001; 98(6): 1678 - 1686

NCBI AND UNIPROT INFORMATION

NCBI GI #	55904
UniProt Accession #	P25094
Molecular Weight	17,946 Da
NCBI Official Full Name	CD25

UniProt Protein Name	Peripheral myelin protein 22
UniProt Gene Name	Pmp22
UniProt Synonym Gene Names	Cd25; Pmp-22; PMP-22; SAG
UniProt Entry Name	PMP22_RAT

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://www.aaabiotech.com/human-elisa-kits/cd25/58610>