

Bovine Interleukin-2 receptor subunit alpha (IL2RA) ELISA Kit | IL2RA elisa kit

Bovine Interleukin-2 receptor subunit alpha (IL2RA) ELISA Kit

CATALOG #
AAA194910

REACTIVITY
Bovine

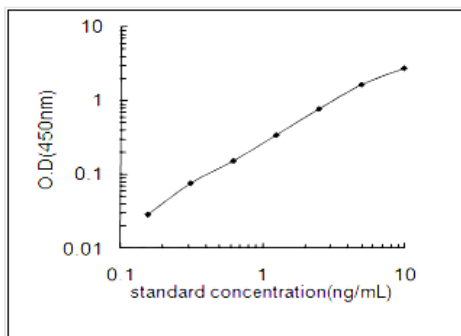
PRODUCT SYNONYMS

Interleukin-2 receptor subunit alpha (IL2RA); Bovine Interleukin-2 receptor subunit alpha (IL2RA) 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; CD25; IL2RA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovine IL-2 receptor subunit alpha. No significant cross-reactivity or interference was observed.
Sequence Length	275
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	0.15ng/mL -10.0ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL2RA elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of bovine IL-2 receptor subunit alpha concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL-2 receptor subunit alpha. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for IL-2 receptor subunit alpha and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain IL-2 receptor subunit alpha, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of IL-2 receptor subunit alpha in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27805941
NCBI GeneID	281861
NCBI Accession #	NP_776783.1
NCBI GenBank Nucleotide #	NM_174358.2
UniProt Accession #	P12342
Molecular Weight	31,239 Da
NCBI Official Full Name	interleukin-2 receptor subunit alpha
NCBI Official Symbol	IL2RA
NCBI Official Synonym Symbols	CD25
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_BOVIN

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://stage.aaabiotech.com/bovine-ovine-elisa-kits/interleukin-2-receptor-subunit-alpha-il2ra/194910>