

Porcine Soluble Interleukin 2beta receptor ELISA Kit | IL-2sRbeta elisa kit

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CATALOG #
AAA89408

REACTIVITY
Porcine

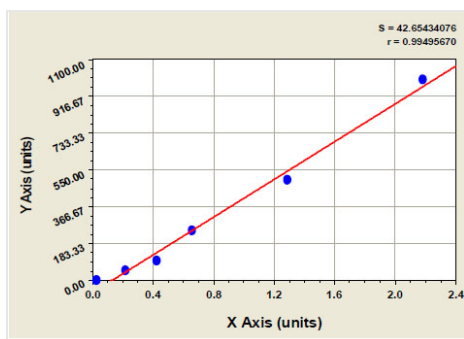
PRODUCT SYNONYMS

Soluble Interleukin 2beta receptor; Porcine Soluble Interleukin 2beta receptor ELISA Kit; Porcine Soluble Interleukin 2b receptor ELISA Kit; IL-2sRbeta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	1.0 pg/mL.
Intended Uses	This IL-2sR? ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine IL-2sR?. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-2sRbeta elisa kit

Principle of the assay: IL-2sR? ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for IL-2sR? . Standards or samples are then added to the microtiter plate wells and IL-2sR? if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of IL-2sR? present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for IL-2sR? are added to each well to "sandwich" the IL-2sR? immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain IL-2sR? and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-2sR? concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IL-2sRbeta elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	47678543
NCBI GeneID	3560
UniProt Accession #	P14784; B2R765
Molecular Weight	61,117 Da
NCBI Official Full Name	IL2RB
NCBI Official Synonym Full Names	interleukin 2 receptor, beta
NCBI Official Symbol	IL2RB
NCBI Official Synonym Symbols	CD122; IL15RB; P70-75
NCBI Protein Information	interleukin-2 receptor subunit beta; p75; IL-2RB; CD122 antigen; IL-2R subunit beta; IL-2 receptor subunit beta; interleukin 15 receptor, beta; high affinity IL-2 receptor beta subunit; high affinity IL-2 receptor subunit beta
UniProt Protein Name	Interleukin-2 receptor subunit beta
UniProt Gene Name	IL2RB
UniProt Synonym Gene Names	IL-2 receptor subunit beta; IL-2R subunit beta; IL-2RB; p75
UniProt Entry Name	IL2RB_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/il-2srbeta-porcine-elisa-kits/soluble-interleukin-2beta-receptor/89408>