

Bovine Insulin-like growth factor 1 receptor ELISA Kit | IGF1R elisa kit

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CATALOG # AAA57144	REACTIVITY Bovine
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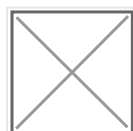
PRODUCT SYNONYMS

Insulin-like growth factor 1 receptor; Bovine Insulin-like growth factor 1 receptor ELISA Kit; Insulin-like growth factor I receptor; IGF-I receptor; IGF1R; 2.7.10.1; CD221; IGF1R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovine Insulin-like growth factor 1 receptor. No significant cross-reactivity or interference was observed.
Sequence Length	1367
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	78.0pg/mL -5000pg/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 IGF1R elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of bovine Insulin-like growth factor 1 receptor 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 Insulin-like growth factor 1 receptor. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Insulin-like growth factor 1 receptor 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 Insulin-like growth factor 1 receptor, 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 Insulin-like growth factor 1 receptor in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	347446671
NCBI GeneID	281848

NCBI Accession #	NP_001231541.1
NCBI GenBank Nucleotide #	NM_001244612.1
UniProt Accession #	Q05688
Molecular Weight	72,511 Da
NCBI Official Full Name	insulin-like growth factor 1 receptor
NCBI Official Symbol	IGF1R
NCBI Official Synonym Symbols	IGFR1
NCBI Protein Information	insulin-like growth factor 1 receptor
UniProt Protein Name	Insulin-like growth factor 1 receptor
UniProt Gene Name	IGF1R
UniProt Synonym Gene Names	IGF-I receptor
UniProt Entry Name	IGF1R_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/igf1r-bovine-ovine-elisa-kits/insulin-like-growth-factor-1-receptor/57144>