

Bovine Estrogen receptor beta ELISA Kit | ESR2 elisa kit

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CATALOG #
AAA192957

REACTIVITY
Bovine

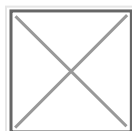
PRODUCT SYNONYMS

Estrogen receptor beta; Bovine Estrogen receptor beta ELISA Kit; ER-beta; Nuclear receptor subfamily 3 group A member 2; ESR2; NR3A2; ESR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovine ER-beta. No significant cross-reactivity or interference was observed.
Sequence Length	527
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.15 ng/mL -10.0 ng/mL
Sensitivity	Typically less than 0.1 ng/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 ESR2 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of bovine ER-beta 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 ER-beta. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for ER-beta 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 ER-beta, 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 ER-beta in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	164448731
NCBI GeneID	281146
NCBI Accession #	NP_776476.2

NCBI GenBank Nucleotide #	NM_174051.3
UniProt Accession #	Q9XSB5; Q9TTS2
Molecular Weight	59,032 Da
NCBI Official Full Name	estrogen receptor beta
NCBI Official Symbol	ESR2
NCBI Official Synonym Symbols	ERB
NCBI Protein Information	estrogen receptor beta
UniProt Protein Name	Estrogen receptor beta
UniProt Gene Name	ESR2
UniProt Synonym Gene Names	NR3A2; ER-beta
UniProt Entry Name	ESR2_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.

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Online datasheet: <https://stage.aaabiotech.com/esr2-bovine-ovine-elisa-kits/estrogen-receptor-beta/192957>