

Rat Estrogen receptor beta ELISA Kit | ESR2 elisa kit

Rat Estrogen receptor beta (ESR2) ELISA Kit

CATALOG #
AAA55855

REACTIVITY
Rat

PRODUCT SYNONYMS

Estrogen receptor beta; Rat Estrogen receptor beta (ESR2) ELISA Kit; ER-BETA; ESR-BETA; ESRB; ESTRB; Erb; NR3A2; estrogen receptor beta|estrogen receptor beta 4; ESR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat ESR2. No significant cross-reactivity or interference between Rat ESR2 and analogues was observed.
Sequence Length	567
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for ESR2 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate ESR2 in samples. An antibody specific for ESR2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ESR2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ESR2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ESR2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978817
NCBI GeneID	25149
NCBI Accession #	NP_036886.1
NCBI GenBank Nucleotide #	NM_012754.1
UniProt Accession #	Q62986 ; O35784 ; O35785 ; O55015 ; O55016 ; O70195 ; Q9R185

Molecular Weight	47,904 Da
NCBI Official Full Name	estrogen receptor beta
NCBI Official Synonym Full Names	estrogen receptor 2
NCBI Official Symbol	Esr2
NCBI Official Synonym Symbols	Erb2; ERbeta; ER-beta
NCBI Protein Information	estrogen receptor beta
UniProt Protein Name	Estrogen receptor beta
UniProt Gene Name	Esr2
UniProt Synonym Gene Names	Erbeta; Nr3a2; ER-beta

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://www.aaabiotech.com/esr2-rat-elisa-kits/estrogen-receptor-beta/55855>