

Rat estrogen receptor 1 ELISA Kit | ESR1 elisa kit

rat Estradiol receptor, ER ELISA Kit

CATALOG #
AAA80466

REACTIVITY
Rat

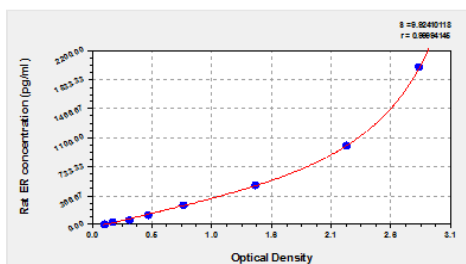
PRODUCT SYNONYMS

estrogen receptor 1; rat Estradiol receptor; ER ELISA Kit; RP1-130E4.1; DKFZp686N23123; ER; ESR; ESRA; Era; NR3A1; estrogen receptor alpha; estrogen receptor alpha delta 3*; 4; 5; 6; 7*/819-2 isoform; estrogen receptor alpha delta 4 +49 isoform; estrogen receptor; ESR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat ESR1. No significant cross-reactivity or interference between Rat ESR1 and analogues was observed.
Sequence Length	600
Samples	Serum, plasma, tissue homogenates, Cell lysates
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	7.81 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Transcription/Transcription regulation
Protein Biological Process 3	Transcription
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #

6978815

NCBI GeneID	24890
NCBI Accession #	NP_036821.1
NCBI GenBank Nucleotide #	NM_012689.1
UniProt Accession #	P06211
Molecular Weight	67,030 Da
NCBI Official Full Name	estrogen receptor
NCBI Official Synonym Full Names	estrogen receptor 1
NCBI Official Symbol	Esr1
NCBI Official Synonym Symbols	Esr; ER-alpha; RNESTROR
NCBI Protein Information	estrogen receptor; Er alpha; estradiol receptor; estrogen receptor protein; estrogen receptor 1 (alpha); estrogen receptor alpha variant delta 4; nuclear receptor subfamily 3 group A member 1; estrogen receptor alpha c-terminus splice variant 1-2
UniProt Protein Name	Estrogen receptor
UniProt Gene Name	Esr1
UniProt Synonym Gene Names	Esr; Estr; Nr3a1; ER
UniProt Entry Name	ESR1_RAT

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://www.aaabiotech.com/esr1-rat-elisa-kits/estrogen-receptor-1/80466>