

Mouse ERalpha (Estrogen Receptor Alpha) CLIA Kit | ERa clia kit

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CATALOG #
AAA171062

REACTIVITY
Mouse

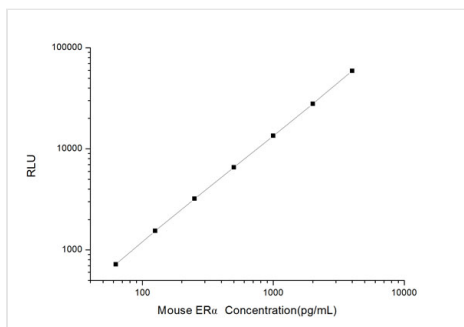
PRODUCT SYNONYMS

ERalpha (Estrogen Receptor Alpha); Mouse ERalpha (Estrogen Receptor Alpha) CLIA Kit; ESR1; ER; ESR; ESRA; Era; NR3A1; nuclear receptor subfamily 3; group A; member 1; Mouse ERa (Estrogen Receptor Alpha) CLIA Kit; Mouse ERa; ERa clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant ERalpha. No significant cross-reactivity or interference between ERalpha and analogues was observed.
Sequence Length	444
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ERa clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of ERalpha concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to ERalpha. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for ERalpha and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain ERalpha, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of ERalpha. You can calculate the concentration of ERalpha in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5821726
Molecular Weight	35,547 Da
NCBI Official Full Name	estrogen receptor alpha, partial
UniProt Protein Name	Estrogen receptor
UniProt Gene Name	ESR1
UniProt Synonym Gene Names	ESR; NR3A1; ER
UniProt Entry Name	ESR1_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/era-mouse-clia-kits/eralpha-estrogen-receptor-alpha/171062>