

## Mouse ERα (Estrogen Receptor Alpha) ELISA Kit | ERα elisa kit

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CATALOG #  
**AAA271311**

REACTIVITY  
**Mouse**

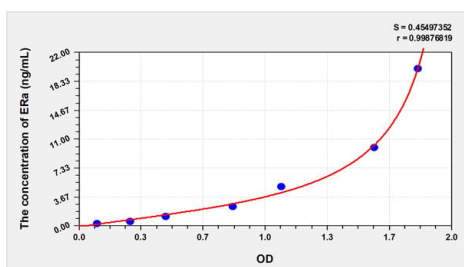
### PRODUCT SYNONYMS

ERα (Estrogen Receptor Alpha); Mouse ERα (Estrogen Receptor Alpha) ELISA Kit; ER-A1; ER; ESR; ESR1; ESRA; NR3A1; NR3-A1; Estrogen Receptor 1; Nuclear Receptor Subfamily 3; Group A; Member 1; ERα elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                  |
|-------------------------|------------------------------------------------------------------|
| Reactivity              | Mouse                                                            |
| Samples                 | tissue homogenates, cell lysates and other biological fluids     |
| Assay Type              | Sandwich                                                         |
| Detection Range         | 0.32-20 ng/mL                                                    |
| Sensitivity             | 0.112 ng/mL                                                      |
| Intra-assay Precision   | CV%<8%                                                           |
| Inter-assay Precision   | CV%<10%                                                          |
| Preparation and Storage | Store at 2-8 degree C. Stable for 6 months from date of receipt. |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for ERα elisa kit

Principle of the assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Estrogen Receptor Alpha(ERα). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Estrogen Receptor Alpha(ERα). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Estrogen Receptor Alpha(ERα), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Estrogen Receptor Alpha(ERα) in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for ERα elisa kit

[Endocrinology](#)

**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/mouse-elisa-kits/era-estrogen-receptor-alpha/271311>