

## Estrogen Receptor-beta ELISA Kit | ESR2 elisa kit

Estrogen Receptor-beta TFact DNA-Binding ELISA Kit

CATALOG #  
**AAA315884**

REACTIVITY  
**Human, Mouse, Rat**

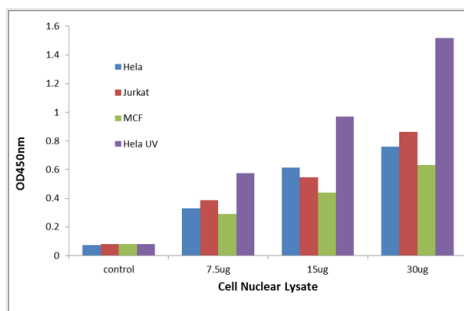
### PRODUCT SYNONYMS

Estrogen Receptor-beta; Estrogen Receptor-beta TFact DNA-Binding ELISA Kit; ESR2; ESRB; Estrogen receptor beta; NR3A2; ESR2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human, Mouse, Rat                                                                                                         |
| Specificity             | The TFact Estrogen Receptor-beta DNA-Binding ELISA Kit detects endogenous levels of total Estrogen Receptor-beta protein. |
| Form/Format             | 12 x 8-Well Microstrips                                                                                                   |
| Sequence Length         | 495                                                                                                                       |
| Samples                 | Cell lysate                                                                                                               |
| Assay Type              | DNA-Binding ELISA                                                                                                         |
| Sensitivity             | 10-30 ug of total protein/well                                                                                            |
| Detection Method        | Colorimetric 450 nm                                                                                                       |
| Subtype                 | None                                                                                                                      |
| Preparation and Storage | Store entire kit at 4 degree C until use.                                                                                 |

### IMAGES



#### Application Data

The TFact Estrogen Receptor-beta DNA-Binding ELISA detects active Estrogen Receptor-beta in Hela, Jurkat and MCF Nuclear Extract. The Hela, MCF and Jurkat cells were grown 3 days respectively in DMEM and RPMI 1640 with 10% FBS and harvested for nuclear extract. The Hela cells were stimulated by UV (100J/M2) or directly harvested without UV stimulation.

### NCBI AND UNIPROT INFORMATION

|                  |                |
|------------------|----------------|
| NCBI GI #        | 94538325       |
| NCBI GeneID      | 2100           |
| NCBI Accession # | NP_001035365.1 |

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | NM_001040275.1                                                                                 |
| UniProt Accession #              | Q92731; O60608; O60685; O60702; O60703; O75583; O75584; Q0MWT5; Q0MWT6; Q86Z31; A8K8K5; G3V5M5 |
| Molecular Weight                 | 53,209 Da                                                                                      |
| NCBI Official Full Name          | estrogen receptor beta isoform 2                                                               |
| NCBI Official Synonym Full Names | estrogen receptor 2                                                                            |
| NCBI Official Symbol             | ESR2                                                                                           |
| NCBI Official Synonym Symbols    | Erb; ESRB; ESTRB; NR3A2; ER-BETA; ESR-BETA                                                     |
| NCBI Protein Information         | estrogen receptor beta                                                                         |
| UniProt Protein Name             | Estrogen receptor beta                                                                         |
| UniProt Gene Name                | <b>ESR2</b>                                                                                    |
| UniProt Synonym Gene Names       | ESTRB; 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.

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Online datasheet: <https://www.aaabiotech.com/esr2-human-mouse-rat-elisa-kits/estrogen-receptor-beta/315884>