

## Human EGR2 ELISA Kit | EGR2 elisa kit

Human EGR2 (Early Growth Response Protein 2) ELISA Kit

CATALOG #  
**AAA163935**

REACTIVITY  
**Human**

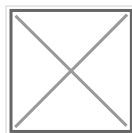
### PRODUCT SYNONYMS

EGR2; Human EGR2 (Early Growth Response Protein 2) ELISA Kit; EGR2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                  |
| Specificity             | This kit recognizes natural and recombinant Human EGR2. No significant cross-reactivity or interference between Human EGR2 and analogues was observed. |
| Sequence Length         | 476                                                                                                                                                    |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                       |
| Assay Type              | Sandwich                                                                                                                                               |
| Detection Range         | 0.156-10ng/mL                                                                                                                                          |
| Sensitivity             | Min: 0.094ng/mL; Max: 10ng/mL                                                                                                                          |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for EGR2 elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human EGR2 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to EGR2. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for EGR2 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 EGR2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of EGR2. You can calculate the concentration of EGR2 in the samples by comparing the OD of the samples to the standard curve.

### NCBI AND UNIPROT INFORMATION

NCBI GI #

[9845524](#)

|                                  |                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GeneID                      | 1959                                                                                                                                              |
| NCBI Accession #                 | NP_000390.2                                                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_000399.3                                                                                                                                       |
| UniProt Accession #              | P11161; Q68CZ5; Q8IV26; Q9UNA6; B2R724; B3KRD7                                                                                                    |
| Molecular Weight                 | 44,970 Da                                                                                                                                         |
| NCBI Official Full Name          | E3 SUMO-protein ligase EGR2 isoform a                                                                                                             |
| NCBI Official Synonym Full Names | early growth response 2                                                                                                                           |
| NCBI Official Symbol             | EGR2                                                                                                                                              |
| NCBI Official Synonym Symbols    | AT591; CMT1D; CMT4E; KROX20                                                                                                                       |
| NCBI Protein Information         | E3 SUMO-protein ligase EGR2; KROX-20, Drosophila, homolog (early growth response-2); early growth response protein 2; zinc finger protein Krox-20 |
| UniProt Protein Name             | E3 SUMO-protein ligase EGR2                                                                                                                       |
| UniProt Gene Name                | <b>EGR2</b>                                                                                                                                       |
| UniProt Synonym Gene Names       | KROX20; EGR-2                                                                                                                                     |
| UniProt Entry Name               | EGR2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/egr2/163935>