

# Human EIF4E2 (Eukaryotic translation initiation factor 4E type 2) ELISA Kit | EIF4E2 elisa kit

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CATALOG #  
**AAA250851**

REACTIVITY  
**Human**

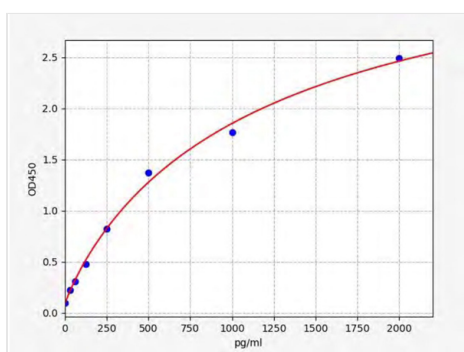
## PRODUCT SYNONYMS

EIF4E2 (Eukaryotic translation initiation factor 4E type 2); Human EIF4E2 (Eukaryotic translation initiation factor 4E type 2) ELISA Kit; Eukaryotic translation initiation factor 4E type 2; EIF4E2; EIF4E2 elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                        |
| Specificity             | Specifically recognize EIF4E2, no obvious cross reaction with other analogues                                                                                |
| Assay Type              | Sandwich                                                                                                                                                     |
| Samples                 | Serum, plasma, cell culture supernatant and other biological samples                                                                                         |
| Detection Range         | 31.25-2000pg/ml                                                                                                                                              |
| Sensitivity             | 18.75pg/ml                                                                                                                                                   |
| Intra-assay Precision   | Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.                                                    |
| Inter-assay Precision   | Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.                                        |
| Preparation and Storage | Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C |

## IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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| Related Product Information for EIF4E2 elisa kit | Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti EIF4E2 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti EIF4E2 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with EIF4E2 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of EIF4E2 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value. |
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**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/human-elisa-kits/eif4e2-eukaryotic-translation-initiation-factor-4e-type-2/250851>