

Rat Eukaryotic Translation Initiation Factor 4E, EIF4E ELISA Kit | EIF4E elisa kit

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CATALOG #
AAA123808

REACTIVITY
Rat

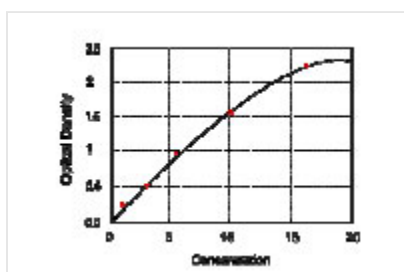
PRODUCT SYNONYMS

Eukaryotic Translation Initiation Factor 4E; EIF4E; Rat Eukaryotic Translation Initiation Factor 4E; EIF4E ELISA Kit; EIF4E elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	7-1500ng/L
Sensitivity	4.12ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store the reagents at 2-8 degree C. For long term storage refer to the expiration date keep it at -20 degree C. Avoid repeated thaw cycles. If individual reagents are opened it is recommended that the kit be used within 1 month.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EIF4E elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Eukaryotic Translation Initiation Factor 4E (also known as EIF4E) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat EIF4E antibody. EIF4E present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat EIF4E Antibody is added and binds to EIF4E in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated EIF4E antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat EIF4E. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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/rat-elisa-kits/eukaryotic-translation-initiation-factor-4e-eif4e/123808>