

Human EIF2B2 (Translation initiation factor eIF-2B subunit beta) ELISA Kit | EIF2B2 elisa kit

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CATALOG # AAA250646	REACTIVITY Human
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PRODUCT SYNONYMS

EIF2B2 (Translation initiation factor eIF-2B subunit beta); Human EIF2B2 (Translation initiation factor eIF-2B subunit beta) ELISA Kit; Translation initiation factor eIF-2B subunit beta; S20I15; S20III15; eIF-2B GDP-GTP exchange factor subunit beta; EIF2B2; EIF2B2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of EIF2B2. No significant cross-reactivity or interference between EIF2B2 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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

ADDITIONAL INFORMATION

Related Product Information for EIF2B2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6226858
NCBI GeneID	8892
UniProt Accession #	P49770; O43201
Molecular Weight	351
NCBI Official Full Name	Translation initiation factor eIF-2B subunit beta
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2B, subunit 2 beta, 39kDa

NCBI Official Symbol	EIF2B2
NCBI Official Synonym Symbols	EIF2B; EIF-2Bbeta
NCBI Protein Information	translation initiation factor eIF-2B subunit beta; S20I15; S20III15; eIF-2B GDP-GTP exchange factor subunit beta
UniProt Protein Name	Translation initiation factor eIF-2B subunit beta
UniProt Gene Name	EIF2B2
UniProt Synonym Gene Names	EIF2BB
UniProt Entry Name	EI2BB_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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/eif2b2-translation-initiation-factor-eif-2b-subunit-beta/250646>