

Human Eukaryotic Translation Elongation Factor 1 Gamma (EEF1g) ELISA Kit | EEF1g elisa kit

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CATALOG # AAA64104	REACTIVITY Human
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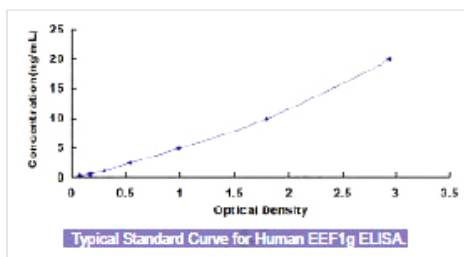
PRODUCT SYNONYMS

Eukaryotic Translation Elongation Factor 1 Gamma (EEF1g); Human Eukaryotic Translation Elongation Factor 1 Gamma (EEF1g) ELISA Kit; EF1G; GIG35; EEF1g elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of EEF1g. No significant cross-reactivity or interference between EEF1g and analogues was observed.
Sequence Length	437
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.114ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level EEF1g were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level EEF1g were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EEF1g elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of EEF1g in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to EEF1g. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to EEF1g. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain EEF1g, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of EEF1g in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503481
NCBI GeneID	1937
NCBI Accession #	NP_001395.1
NCBI GenBank Nucleotide #	NM_001404.4
UniProt Accession #	P26641; Q6PJ62; Q6PK31; Q96CU2; Q9P196; B4DTG2
Molecular Weight	56,150 Da
NCBI Official Full Name	elongation factor 1-gamma
NCBI Official Synonym Full Names	eukaryotic translation elongation factor 1 gamma
NCBI Official Symbol	EEF1G
NCBI Official Synonym Symbols	EF1G; GIG35
NCBI Protein Information	elongation factor 1-gamma
UniProt Protein Name	Elongation factor 1-gamma
UniProt Gene Name	EEF1G
UniProt Synonym Gene Names	EF1G; EF-1-gamma

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/eukaryotic-translation-elongation-factor-1-gamma-eef1g/64104>