

Mouse eukaryotic translation initiation factor 2C, 2 ELISA Kit | EIF2C2 elisa kit

Mouse Protein argonaute-2, EIF2C2 ELISA Kit

CATALOG #
AAA112448

REACTIVITY
Mouse

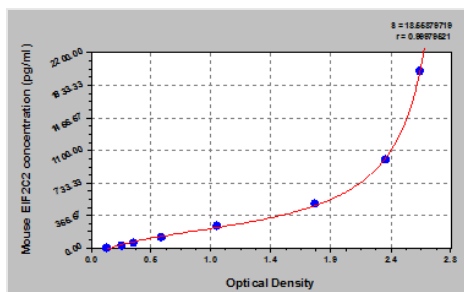
PRODUCT SYNONYMS

eukaryotic translation initiation factor 2C; 2; Mouse Protein argonaute-2; EIF2C2 ELISA Kit; Mouse Protein argonaute-2 (EIF2C2) ELISA kit; AGO2; MGC3183; Q10; argonaute 2; EIF2C2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse EIF2C2. No significant cross-reactivity or interference between mouse EIF2C2 and analogues was observed.
Sequence Length	860
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.81 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EIF2C2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for EIF2C2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any EIF2C2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for EIF2C2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of EIF2C2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	219842353
NCBI GeneID	239528
NCBI Accession #	NP_694818.3
NCBI GenBank Nucleotide #	NM_153178.4
UniProt Accession #	Q8CJG0; Q4VAB3; Q571J6; A1A563
Molecular Weight	97,304 Da
NCBI Official Full Name	protein argonaute-2
NCBI Official Synonym Full Names	argonaute RISC catalytic subunit 2
NCBI Official Symbol	Ago2
NCBI Official Synonym Symbols	Eif2c2; Gerp95; Gm10365; AI225898; AL022874; AW546247; mKIAA4215; 1110029L17Rik; 2310051F07Rik; ENSMUSG00000072493
NCBI Protein Information	protein argonaute-2
UniProt Protein Name	Protein argonaute-2
UniProt Gene Name	Ago2
UniProt Synonym Gene Names	Eif2c2; Kiaa4215; Argonaute2; mAgo2; eIF-2C 2; eIF2C 2
UniProt Entry Name	AGO2_MOUSE

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/eif2c2-mouse-elisa-kits/eukaryotic-translation-initiation-factor-2c-2/112448>