

Human Protein argonaute-2, EIF2C2 ELISA Kit | EIF2C2 elisa kit

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CATALOG #
AAA123641

REACTIVITY
Human

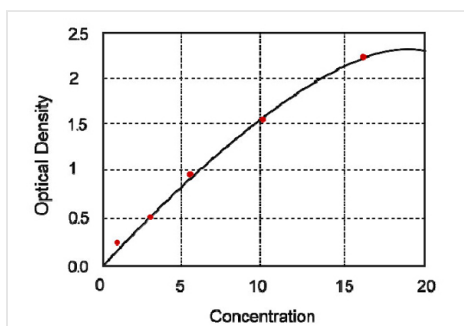
PRODUCT SYNONYMS

Protein argonaute-2; EIF2C2; Human Protein argonaute-2; EIF2C2 ELISA Kit; EIF2C2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	860
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	15-3000ng/L
Sensitivity	7.79ng/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 at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EIF2C2 elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human EIF2C2 antibody. EIF2C2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human EIF2C2 Antibody is added and binds to EIF2C2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated EIF2C2 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 Human EIF2C2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Protein argonaute-2 (also known as EIF2C2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	219842353
NCBI GeneID	239528
NCBI GenBank Nucleotide #	NP_694818.3
UniProt Accession #	Q8CJG0
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
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/human-elisa-kits/protein-argonaute-2-eif2c2/123641>