

Human AGO2 (Protein argonaute-2) ELISA Kit | AGO2 elisa kit

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CATALOG #
AAA249957

REACTIVITY
Human

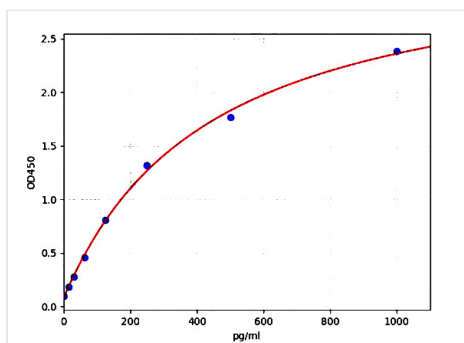
PRODUCT SYNONYMS

AGO2 (Protein argonaute-2); Human AGO2 (Protein argonaute-2) ELISA Kit; Protein argonaute-2; Argonaute2; hAgo2; Argonaute RISC catalytic component 2; Eukaryotic translation initiation factor 2C 2; eIF-2C 2; eIF2C 2; PAZ Piwi domain protein; PPD; Protein slicer; EIF2C2; AGO2; AGO2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of AGO2. No significant cross-reactivity or interference between AGO2 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGO2 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 #	229463006
NCBI GeneID	27161
UniProt Accession #	Q9UKV8; Q8TCZ5; Q8WV58; Q96ID1
Molecular Weight	859
NCBI Official Full Name	Protein argonaute-2
NCBI Official Synonym Full Names	argonaute RISC catalytic component 2
NCBI Official Symbol	AGO2
NCBI Official Synonym Symbols	Q10; EIF2C2
NCBI Protein Information	protein argonaute-2; PPD; hAgo2; eIF2C 2; eIF-2C 2; argonaute2; argonaute 2; protein slicer; PAZ Piwi domain protein; eukaryotic translation initiation factor 2C, 2
UniProt Protein Name	Protein argonaute-2
UniProt Gene Name	AGO2
UniProt Synonym Gene Names	; hAgo2
UniProt Entry Name	AGO2_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.