

Human PIWIL4 (Piwi-Like protein 4) ELISA Kit | PIWIL4 elisa kit

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CATALOG #
AAA249958

REACTIVITY
Human

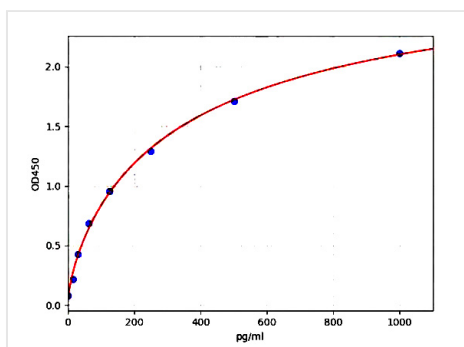
PRODUCT SYNONYMS

PIWIL4 (Piwi-Like protein 4); Human PIWIL4 (Piwi-Like protein 4) ELISA Kit; Piwi-like protein 4; HIWI2; PIWI; PIWIL4; PIWIL4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PIWIL4. No significant cross-reactivity or interference between PIWIL4 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 PIWIL4 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116242716
NCBI GeneID	143689
UniProt Accession #	Q7Z3Z4; Q68CZ4; Q8N8G9; Q8N9V8; Q8NEH2; B4DEG5
Molecular Weight	852
NCBI Official Full Name	Piwi-like protein 4
NCBI Official Synonym Full Names	piwi-like RNA-mediated gene silencing 4
NCBI Official Symbol	PIWIL4
NCBI Official Synonym Symbols	HIWI2; MIWI2
NCBI Protein Information	piwi-like protein 4; piwi-like 4
UniProt Protein Name	Piwi-like protein 4
UniProt Gene Name	PIWIL4
UniProt Synonym Gene Names	HIWI2; PIWI
UniProt Entry Name	PIWL4_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://stage.aaabiotech.com/human-elisa-kits/piwil4-piwi-like-protein-4-/249958>