

Mouse Protein Inhibitor Of Activated STAT 1 ELISA Kit | PIAS1 elisa kit

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CATALOG #
AAA100378

REACTIVITY
Mouse

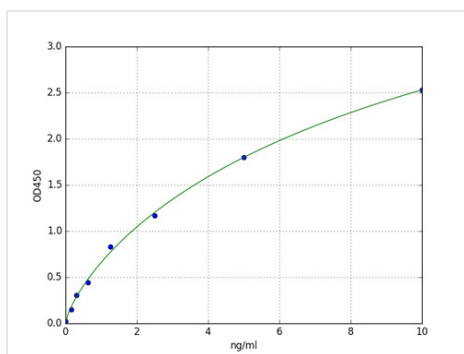
PRODUCT SYNONYMS

Protein Inhibitor Of Activated STAT 1; Mouse Protein Inhibitor Of Activated STAT 1 ELISA Kit; PIAS1/E3 SUMO-protein ligase PIAS1/DEAD; H box-binding protein 1/Protein inhibitor of activated STAT protein 1; PIAS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	325
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse PIAS1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.014	0.082	0.128	0.250	0.495	0.838	1.872	2.395

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PIAS1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse PIAS1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse PIAS1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Mouse PIAS1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse PIAS1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	238886087
NCBI GeneID	8554
Molecular Weight	36,204 Da
NCBI Official Full Name	protein inhibitor of activated STAT 1
NCBI Official Synonym Full Names	protein inhibitor of activated STAT 1
NCBI Official Symbol	PIAS1
NCBI Official Synonym Symbols	GBP; ZMIZ3; DDXBP1; GU/RH-II
NCBI Protein Information	E3 SUMO-protein ligase PIAS1
UniProt Protein Name	E3 SUMO-protein ligase PIAS1
UniProt Gene Name	PIAS1
UniProt Synonym Gene Names	DDXBP1; GBP
UniProt Entry Name	PIAS1_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/pias1-mouse-elisa-kits/protein-inhibitor-of-activated-stat-1/100378>