

Rat GATA Binding Protein 4 ELISA Kit | GATA4 elisa kit

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CATALOG #
AAA100010

REACTIVITY
Rat

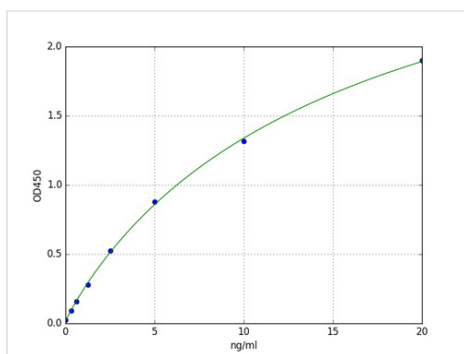
PRODUCT SYNONYMS

GATA Binding Protein 4; Rat GATA Binding Protein 4 ELISA Kit; GATA4/GATA binding protein 4/GATA-binding factor 4/MGC126629/transcription factor GATA-4; GATA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	442
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 Rat GATA4 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.134	0.205	0.247	0.353	0.356	0.923	1.468	1.941

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GATA4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat GATA4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat GATA4 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 Rat GATA4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat GATA4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	219518812
NCBI GeneID	2626
Molecular Weight	44,665 Da
NCBI Official Full Name	GATA binding protein 4
NCBI Official Synonym Full Names	GATA binding protein 4
NCBI Official Symbol	GATA4
NCBI Official Synonym Symbols	TOF; ASD2; VSD1; TACHD
NCBI Protein Information	transcription factor GATA-4
UniProt Protein Name	Transcription factor GATA-4
UniProt Gene Name	GATA4
UniProt Entry Name	GATA4_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/gata4-rat-elisa-kits/gata-binding-protein-4/100010>