

Porcine GATA Binding Protein 4 ELISA Kit | GATA4 elisa kit

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CATALOG #
AAA97331

REACTIVITY
Porcine

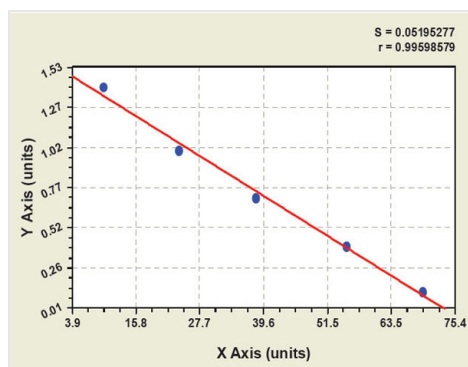
PRODUCT SYNONYMS

GATA Binding Protein 4; Porcine GATA Binding Protein 4 ELISA Kit; GATA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This GATA4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine GATA4. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GATA4 elisa kit

Principle of the assay: GATA4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GATA4 antibody and an GATA4-HRP conjugate. The assay sample and buffer are incubated together with GATA4-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GATA4 concentration since GATA4 from samples and GATA4-HRP conjugate compete for the anti-GATA4 antibody binding site. Since the number of sites is limited, as more sites are occupied by GATA4 from the sample, fewer sites are left to bind GATA4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GATA4 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for GATA4 elisa kit

Signal Transduction

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; GATA-binding factor 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/gata4-porcine-elisa-kits/gata-binding-protein-4/97331>