

Porcine GATA Binding Protein 3 ELISA Kit | GATA3 elisa kit

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CATALOG #
AAA88327

REACTIVITY
Porcine

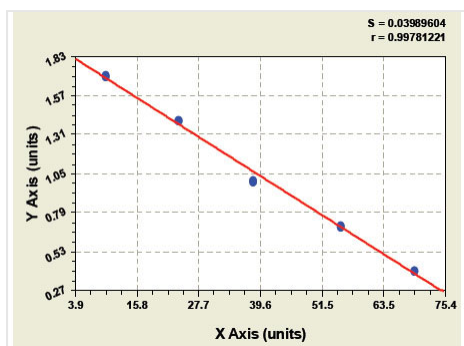
PRODUCT SYNONYMS

GATA Binding Protein 3; Porcine GATA Binding Protein 3 ELISA Kit; GATA3 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 GATA3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine GATA3. 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 GATA3 elisa kit

Principle of the Assay: GATA3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GATA3 antibody and an GATA3-HRP conjugate. The assay sample and buffer are incubated together with GATA3-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 GATA3 concentration since GATA3 from samples and GATA3-HRP conjugate compete for the anti-GATA3 antibody binding site. Since the number of sites is limited, as more sites are occupied by GATA3 from the sample, fewer sites are left to bind GATA3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GATA3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for GATA3 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	55664494
UniProt Accession #	P23771; Q5VWG7; Q5VWG8; Q96J16
Molecular Weight	48,045 Da
UniProt Protein Name	Trans-acting T-cell-specific transcription factor GATA-3
UniProt Gene Name	GATA3
UniProt Entry Name	GATA3_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/gata3-porcine-elisa-kits/gata-binding-protein-3/88327>