

Rat GATA3 ELISA Kit | GATA3 elisa kit

Rat GATA3 (GATA Binding Protein 3) ELISA Kit

CATALOG #
AAA164587

REACTIVITY
Rat

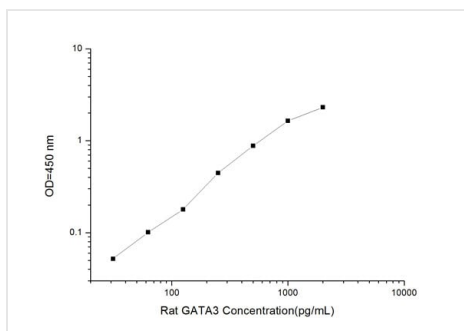
PRODUCT SYNONYMS

GATA3; Rat GATA3 (GATA Binding Protein 3) ELISA Kit; GATA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat GATA3. No significant cross-reactivity or interference between Rat GATA3 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat GATA3 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	444
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GATA3 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GATA3 in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat GATA3. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat GATA3 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat GATA3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat GATA3. You can calculate the concentration of Rat GATA3 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56605890
NCBI GeneID	419106
NCBI Accession #	NP_001008444.1
NCBI GenBank Nucleotide #	NM_001008444.1
UniProt Accession #	P23825; Q6LD66
Molecular Weight	48,197 Da
NCBI Official Full Name	GATA-binding factor 3
NCBI Official Synonym Full Names	GATA binding protein 3
NCBI Official Symbol	GATA3
NCBI Protein Information	GATA-binding factor 3; GATA-3; NF-E1; transcription factor NF-E1c
UniProt Protein Name	GATA-binding factor 3
UniProt Gene Name	GATA3
UniProt Synonym Gene Names	GATA-3
UniProt Entry Name	GATA3_CHICK

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://www.aaabiotech.com/rat-elisa-kits/gata3/164587>