

Mouse GATA3 ELISA Kit | GATA3 elisa kit

Mouse GATA3 (GATA Binding Protein 3) ELISA Kit

CATALOG #
AAA21666

REACTIVITY
Mouse

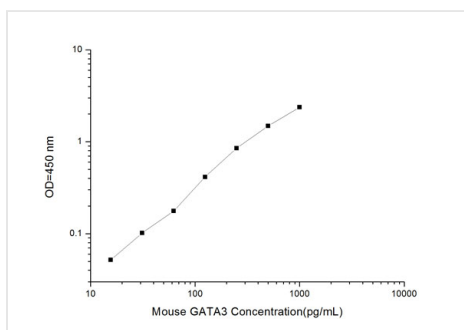
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse GATA3 in samples. No significant cross-reactivity or interference between Mouse GATA3 and analogues was observed.
Sequence Length	444
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	15.63-1000pg/mL
Sensitivity	9.38pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse GATA3 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse GATA3 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GATA3 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse GATA3. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse GATA3 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse GATA3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 Mouse GATA3. You can calculate the concentration of Mouse GATA3 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse GATA3 concentrations in serum, plasma and other biological fluids.
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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.