

Rat GATA2 (GATA Binding Protein 2) ELISA Kit | GATA2 elisa kit

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CATALOG #
AAA277790

REACTIVITY
Rat

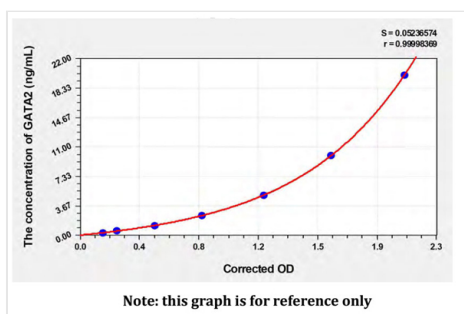
PRODUCT SYNONYMS

GATA2 (GATA Binding Protein 2); Rat GATA2 (GATA Binding Protein 2) ELISA Kit; Endothelial transcription factor GATA-2; GATA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat GATA2. No significant cross-reactivity or interference between Rat GATA2 and analogues was observed.
Assay Type	Sandwich
Detection Range	0.32-20 ng/mL
Sensitivity	0.18 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GATA2 elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat GATA2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat GATA2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat GATA2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Rat GATA2 in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15559217
NCBI GeneID	25159
NCBI Accession #	NP_254277.1
NCBI GenBank Nucleotide #	NM_033442.1
UniProt Accession #	Q924Y4; Q8VHY4
Molecular Weight	50,464 Da
NCBI Official Full Name	endothelial transcription factor GATA-2
NCBI Official Synonym Full Names	GATA binding protein 2
NCBI Official Symbol	Gata2
NCBI Protein Information	endothelial transcription factor GATA-2; GATA-binding protein 2; GATA-binding protein 2
UniProt Protein Name	Endothelial transcription factor GATA-2
UniProt Gene Name	Gata2
UniProt Entry Name	GATA2_RAT

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/rat-elisa-kits/gata2-gata-binding-protein-2/277790>