

Guinea Pig GATA Binding Protein 2 ELISA Kit | GATA2 elisa kit

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CATALOG #
AAA82248

REACTIVITY
Guinea Pig

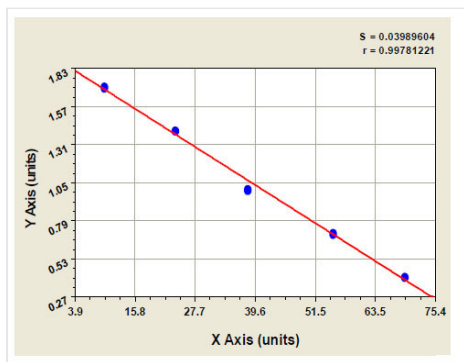
PRODUCT SYNONYMS

GATA Binding Protein 2; Guinea pig GATA Binding Protein 2 ELISA Kit; GATA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This GATA2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig GATA2. 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 GATA2 elisa kit

Principle of the assay: GATA2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GATA2 antibody and an GATA2-HRP conjugate. The assay sample and buffer are incubated together with GATA2-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 GATA2 concentration since GATA2 from samples and GATA2-HRP conjugate compete for the anti-GATA2 antibody binding site. Since the number of sites is limited, as more sites are occupied by GATA2 from the sample, fewer sites are left to bind GATA2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GATA2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30410878
NCBI GeneID	2624
Molecular Weight	49,106 Da
NCBI Official Full Name	GATA2 protein
NCBI Official Synonym Full Names	GATA binding protein 2
NCBI Official Symbol	GATA2
NCBI Official Synonym Symbols	DCML; IMD21; NFE1B; MONOMAC
NCBI Protein Information	endothelial transcription factor GATA-2
UniProt Protein Name	Endothelial transcription factor GATA-2
UniProt Gene Name	GATA2
UniProt Entry Name	GATA2_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/gata2-guinea-pig-pig-elisa-kits/gata-binding-protein-2/82248>