

Chicken GATA Binding Protein 2 ELISA Kit | GATA2 elisa kit

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CATALOG #
AAA94213

REACTIVITY
Chicken

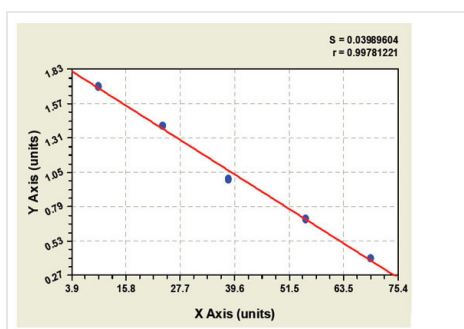
PRODUCT SYNONYMS

GATA Binding Protein 2; Chicken GATA Binding Protein 2 ELISA Kit; GATA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GATA2 elisa kit

Intended Uses: This GATA2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken GATA2. This ELISA kit for research use only!

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.

Product Categories/Family for GATA2 elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	30410997
NCBI GeneID	2624
Molecular Weight	49,106 Da
NCBI Official Full Name	GATA binding protein 2
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-chicken-elisa-kits/gata-binding-protein-2/94213>