

Human GATA Binding Protein 2 ELISA Kit | GATA2 elisa kit

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CATALOG #
AAA84164

REACTIVITY
Human

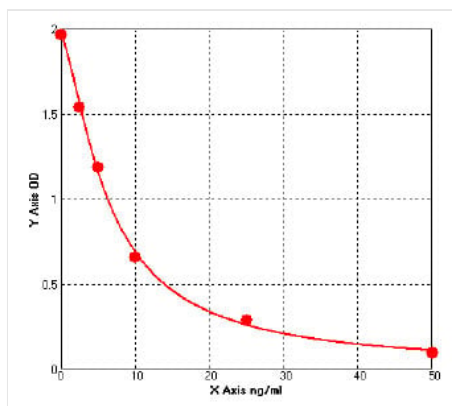
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GATA2. No significant cross-reactivity or interference between GATA2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GATA2 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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	Principle of the Assay: GATA2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal 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. Intended Uses: This GATA2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human GATA2. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for GATA2 elisa kit	Signal Transduction

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-human-elisa-kits/gata-binding-protein-2/84164>