Human Early growth response protein 1 ELISA Kit | EGR1 elisa kit

Human Early growth response protein 1 ELISA Kit

CATALOG #	REACTIVITY
AAA98916	**Human**

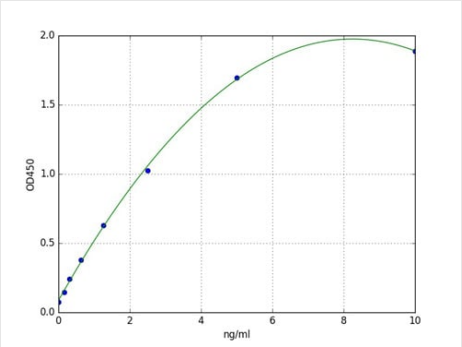
PRODUCT SYNONYMS

Early growth response protein 1; Human Early growth response protein 1 ELISA Kit; EGR1/KROX24/NGFIA/ZNF225/AT225/Transcription factor ETR103/early growth response 1/early growth response protein 1/EGR-1/G0S30/KROX-24/Nerve growth factor-induced protein A/NGFI-A/Transcription factor Zif268/TIS8/ZIF-268/Zinc finger protein Krox-24/Zinc finger protein 225; EGR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	543
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a EGR1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.038	0.112	0.175	0.278	0.510	0.737	1.308	1.924

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EGR1 elisa kit	Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-EGR1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-EGR1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the EGR1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of EGR1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503493
NCBI GeneID	1958
NCBI Accession #	NP_001955.1
NCBI GenBank Nucleotide #	NM_001964.2
Molecular Weight	57,507 Da
NCBI Official Full Name	early growth response protein 1
NCBI Official Synonym Full Names	early growth response 1
NCBI Official Symbol	EGR1
NCBI Official Synonym Symbols	TIS8; AT225; G0S30; NGFI-A; ZNF225; KROX-24; ZIF-268
NCBI Protein Information	early growth response protein 1
UniProt Protein Name	Early growth response protein 1
UniProt Gene Name	**EGR1**
UniProt Synonym Gene Names	KROX24; ZNF225; EGR-1; NGFI-A
UniProt Entry Name	EGR1_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/egr1-human-elisa-kits/early-growth-response-protein-1/98916