

Rat EGR1 ELISA Kit | EGR1 elisa kit

Rat EGR1 (Early Growth Response Protein 1) ELISA Kit

CATALOG #
AAA165386

REACTIVITY
Rat

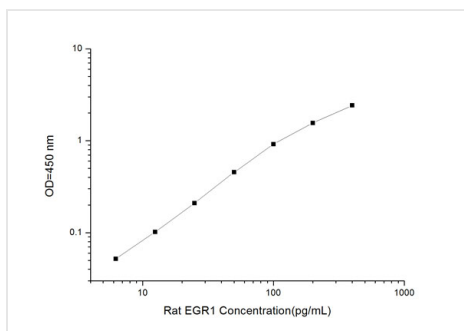
PRODUCT SYNONYMS

EGR1; Rat EGR1 (Early Growth Response Protein 1) ELISA Kit; EGR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat EGR1. No significant cross-reactivity or interference between Rat EGR1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat EGR1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	543
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	6.25-400pg/mL
Sensitivity	Min: 3.75pg/mL; Max: 400pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EGR1 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of EGR1 in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat EGR1. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat EGR1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat EGR1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat EGR1. You can calculate the concentration of Rat EGR1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503493
NCBI GeneID	1958
NCBI Accession #	NP_001955.1
NCBI GenBank Nucleotide #	NM_001964.2
UniProt Accession #	P18146
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; EGR-1; nerve growth factor-induced protein A; transcription factor ETR103; transcription factor Zif268; zinc finger protein 225; zinc finger protein Krox-24
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.