

Mouse EGR1 ELISA Kit | EGR1 elisa kit

Mouse EGR1 (Early Growth Response Protein 1) ELISA Kit

CATALOG #
AAA165674

REACTIVITY
Mouse

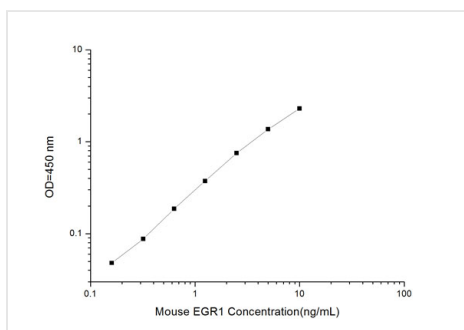
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse EGR1 in samples. No significant cross-reactivity or interference between Mouse EGR1 and analogues was observed.
Sequence Length	543
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse EGR1 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse EGR1 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EGR1 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse EGR1. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse EGR1 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse EGR1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 Mouse EGR1. You can calculate the concentration of Mouse EGR1 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse EGR1 concentrations in serum, plasma and other biological fluids.
--	--

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.