

Mouse Target Of EGR1 Protein 1 (TOE1) ELISA Kit | TOE1 elisa kit

Mouse Target Of EGR1 Protein 1 (TOE1) ELISA Kit

CATALOG #
AAA332095

REACTIVITY
Mouse

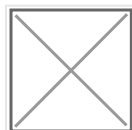
PRODUCT SYNONYMS

Target Of EGR1 Protein 1 (TOE1); Mouse Target Of EGR1 Protein 1 (TOE1) ELISA Kit; TOE1; FLJ13949; TOE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Target of EGR1 protein 1 (TOE1) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TOE1. No significant cross-reactivity or interference between Mouse TOE1 and analogues was observed.
Sequence Length	511
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Target of EGR1 protein 1 (TOE1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TOE1 elisa kit	Description: This Mouse Target of EGR1 protein 1 (TOE1) ELISA Kit employs a two-site sandwich ELISA to quantitate TOE1 in samples. An antibody specific for TOE1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TOE1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TOE1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TOE1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Toll interacting protein, also known as TOLLIP, is an inhibitory adaptor protein.It is an inhibitory adaptor protein within Toll-like receptors (TLR). The TLR pathway is a part of the innate immune system that recognizes structurally conserved molecular patterns of microbial pathogens, leading to an inflammatory immune response. Compared with the full-length isoform, 2 of the human proteins lack the N-terminal TBD, and 1 lacks the C2 domain. A mouse-specific isoform lacks the C-terminal CUE domain. EST database analysis suggested that full-length human TOLLIP is ubiquitously expressed. Expression of the other human variants appeared to be more restricted, with evidence for enrichment in brain.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	21311839
NCBI GeneID	68276
NCBI Accession #	NP_080930.1
NCBI GenBank Nucleotide #	NP_080930.1
UniProt Accession #	Q9D2E2
NCBI Official Full Name	target of EGR1 protein 1
NCBI Official Synonym Full Names	target of EGR1, member 1 (nuclear)
NCBI Official Symbol	Toe1
NCBI Official Synonym Symbols	AI413517; 4930584N22Rik; 4933424D16Rik
NCBI Protein Information	target of EGR1 protein 1
UniProt Protein Name	Target of EGR1 protein 1
UniProt Gene Name	Toe1
UniProt Entry Name	TOE1_MOUSE

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.