

Rat Toll-Interacting Protein (TOLLIP) ELISA Kit | TOLLIP elisa kit

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CATALOG #
AAA330182

REACTIVITY
Rat

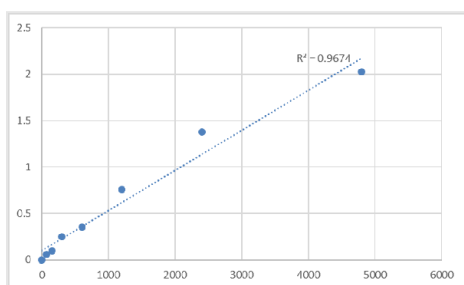
PRODUCT SYNONYMS

Toll-Interacting Protein (TOLLIP); Rat Toll-Interacting Protein (TOLLIP) ELISA Kit; TOLLIP; FLJ33531; IL-1RAcPI; Toll-interacting protein; adapter protein; TOLLIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Rat Toll-interacting protein (TOLLIP) ELISA Kit has high sensitivity and excellent specificity for detection of Rat TOLLIP. No significant cross-reactivity or interference between Rat TOLLIP and analogues was observed.
Sequence Length	274
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. Rat Toll-interacting protein (TOLLIP) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TOLLIP elisa kit	Description: This Rat Toll-interacting protein (TOLLIP) ELISA Kit employs a two-site sandwich ELISA to quantitate TOLLIP in samples. An antibody specific for TOLLIP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TOLLIP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TOLLIP 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 TOLLIP bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The N-terminal domain of TOM1 shares sequence similarity with the N-terminal domains of human HGS, human STAM, and yeast VPS27, all of which are proteins associated with vesicular trafficking at the endosome. By searching sequence databases using TOM1 as the query, Seroussi et al. (1999) identified TOM1L1 as another protein with an N-terminal domain similar to that of TOM1. The authors assembled the sequences of a group of human TOM1L1 ESTs into a contiguous cDNA encoding a deduced 476-amino acid protein. TOM1L1 shares 37% sequence identity with TOM1; its C-terminal domain is not similar to that of TOM1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157823763
NCBI GeneID	361677
NCBI Accession #	NP_001103138.1
NCBI GenBank Nucleotide #	NP_001103138.1
UniProt Accession #	A2RUW1
NCBI Official Full Name	toll-interacting protein
NCBI Official Synonym Full Names	toll interacting protein
NCBI Official Symbol	Tollip
NCBI Protein Information	toll-interacting protein
UniProt Protein Name	Toll-interacting protein
UniProt Gene Name	Tollip
UniProt Entry Name	TOLIP_RAT

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.