

Human Toll interacting protein (TOLLIP) ELISA Kit | TOLLIP elisa kit

Human Toll interacting protein (TOLLIP) ELISA Kit

CATALOG #
AAA244627

REACTIVITY
Human

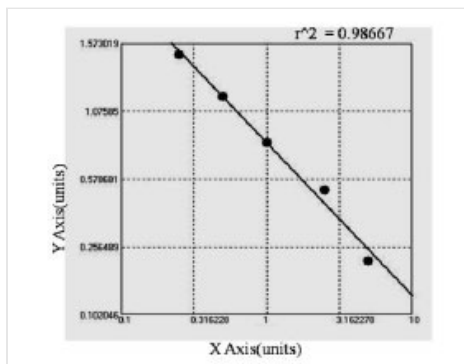
PRODUCT SYNONYMS

Toll interacting protein (TOLLIP); Human Toll interacting protein (TOLLIP) ELISA Kit; TOLLIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TOLLIP elisa kit

Intended Uses: This TOLLIP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TOLLIP. This ELISA kit for research use only!

Principle of the Assay: TOLLIP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TOLLIP antibody and an TOLLIP-HRP conjugate. The assay sample and buffer are incubated together with TOLLIP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TOLLIP concentration since TOLLIP from samples and TOLLIP-HRP conjugate compete for the anti-TOLLIP antibody binding site. Since the number of sites is limited, as more sites are occupied by TOLLIP from the sample, fewer sites are left to bind TOLLIP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TOLLIP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	60502301
NCBI GeneID	54472
Molecular Weight	30,282 Da
NCBI Official Full Name	toll interacting protein
NCBI Official Synonym Full Names	toll interacting protein
NCBI Official Symbol	TOLLIP
NCBI Official Synonym Symbols	IL-1RAcPIP
NCBI Protein Information	toll-interacting protein; adapter protein
UniProt Protein Name	Toll-interacting protein
UniProt Gene Name	TOLLIP
UniProt Entry Name	TOLIP_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.