

Rat TLR9 ELISA Kit | TLR9 elisa kit

Rat TLR9 (Toll-Like Receptor 9) ELISA Kit

CATALOG #
AAA165664

REACTIVITY
Rat

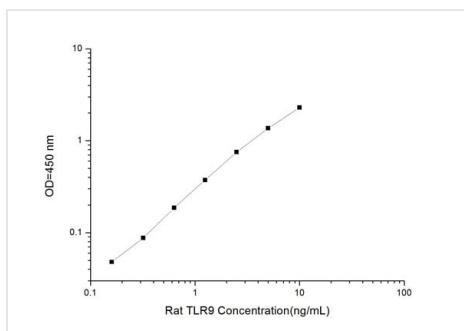
PRODUCT SYNONYMS

TLR9; Rat TLR9 (Toll-Like Receptor 9) ELISA Kit; TLR9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat TLR9. No significant cross-reactivity or interference between Rat TLR9 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat TLR9 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	1032
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TLR9 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TLR9 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 TLR9. 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 TLR9 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 TLR9, 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 TLR9. You can calculate the concentration of Rat TLR9 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74054321
NCBI GeneID	54106
UniProt Accession #	Q9NR96; Q6UVZ2; Q9HD68; Q9HD69; Q9HD70; Q9NYC2; Q9NYC3; B3Y661; D1CS56
Molecular Weight	114,237 Da
NCBI Official Full Name	TLR9
NCBI Official Synonym Full Names	toll-like receptor 9
NCBI Official Symbol	TLR9
NCBI Official Synonym Symbols	CD289
NCBI Protein Information	toll-like receptor 9
UniProt Protein Name	Toll-like receptor 9
UniProt Gene Name	TLR9
UniProt Entry Name	TLR9_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.