

Rat Myeloid Differentiation Factor 88 (MyD88) ELISA Kit | MyD88 elisa kit

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CATALOG #
AAA67758

REACTIVITY
Rat

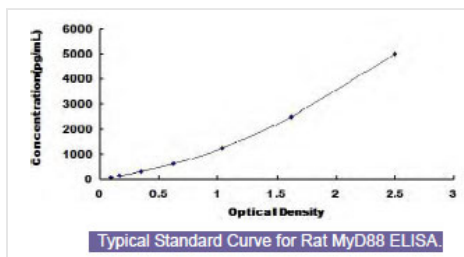
PRODUCT SYNONYMS

Myeloid Differentiation Factor 88 (MyD88); Rat Myeloid Differentiation Factor 88 (MyD88) ELISA Kit; Myeloid Differentiation Primary Response Gene 88; MyD88 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of MyD88. No significant cross-reactivity or interference between MyD88 and analogues was observed.
Sequence Length	296
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	28pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MyD88 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MyD88 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MyD88 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MyD88 in rat tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MyD88. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MyD88. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MyD88, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of MyD88 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37693503
NCBI GeneID	301059
NCBI Accession #	NP_937763.1
NCBI GenBank Nucleotide #	NM_198130.1
UniProt Accession #	Q6Y1S1; Q4QRC0
Molecular Weight	33,856 Da
NCBI Official Full Name	myeloid differentiation primary response protein MyD88
NCBI Official Synonym Full Names	myeloid differentiation primary response 88
NCBI Official Symbol	Myd88
NCBI Protein Information	myeloid differentiation primary response protein MyD88
UniProt Protein Name	Myeloid differentiation primary response protein MyD88
UniProt Gene Name	Myd88

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.