Human myeloid differentiation primary response gene (88) ELISA Kit | MYD88 elisa kit

Human myeloid differentiation factor 88, MyD88 ELISA Kit

CATALOG #	REACTIVITY
AAA79818	**Human**

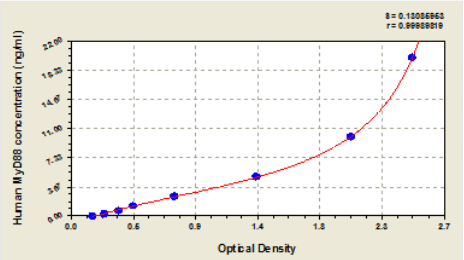
PRODUCT SYNONYMS

myeloid differentiation primary response gene (88); Human myeloid differentiation factor 88; MyD88 ELISA Kit; MYD88D; myeloid differentiation primary response gene 88; MYD88 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human MYD88. No significant cross-reactivity or interference between Human MYD88 and analogues was observed.
Sequence Length	159
Samples	Serum, plasma, tissue homogenates and Cell lysates
Detection Range	0.312ng/ml-20 ng/ml
Sensitivity	0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 3	Immunity
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYD88 elisa kit	**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 for MyD88 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. 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 a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of MyD88 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	289546500
NCBI GeneID	4615
NCBI Accession #	NP_001166037.1
NCBI GenBank Nucleotide #	NM_001172566.1
UniProt Accession #	Q99836; P78397; Q53XS7; B4DKH8; B4DKU4; B4DQ60; B4DQ72; J3KPU4; J3KQ87; J3KQJ6
Molecular Weight	33,233 Da
NCBI Official Full Name	myeloid differentiation primary response protein MyD88 isoform 5
NCBI Official Synonym Full Names	myeloid differentiation primary response 88
NCBI Official Symbol	MYD88
NCBI Official Synonym Symbols	MYD88D
NCBI Protein Information	myeloid differentiation primary response protein MyD88; myeloid differentiation primary response gene (88)
UniProt Protein Name	Myeloid differentiation primary response protein MyD88
UniProt Gene Name	**MYD88**
UniProt Entry Name	MYD88_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.

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Online datasheet: https://www.aaabiotech.com/myd88-human-elisa-kits/myeloid-differentiation-primary-response-gene-88/79818