

Mouse MHCDRb1 (Major Histocompatibility Complex Class II DR Beta 1) ELISA Kit | MHCDRb1 elisa kit

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CATALOG #
AAA275123

REACTIVITY
Mouse

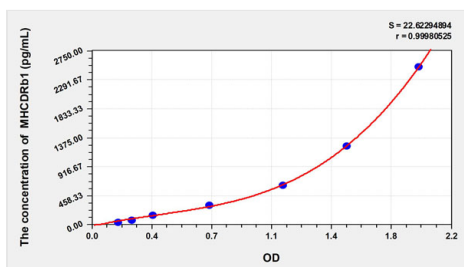
PRODUCT SYNONYMS

MHCDRb1 (Major Histocompatibility Complex Class II DR Beta 1); Mouse MHCDRb1 (Major Histocompatibility Complex Class II DR Beta 1) ELISA Kit; HLA-DRB1; HLA-DR1B; HLADRB1; HLA Class II Histocompatibility Antigen; DRB1-9 Beta Chain; HLA class II histocompatibility antigen; DRB1-15 beta chain; MHCDRb1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse MHCDRb1. No significant cross-reactivity or interference between Mouse MHCDRb1 and analogues was observed.
Assay Type	Sandwich
Detection Range	39.07-2500 pg/mL
Sensitivity	12 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MHCDRb1 elisa kit	Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Major Histocompatibility Complex Class II DR Beta 1(MHCDRb1). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Major Histocompatibility Complex Class II DR Beta 1(MHCDRb1). 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 Major Histocompatibility Complex Class II DR Beta 1(MHCDRb1), 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 Major Histocompatibility Complex Class II DR Beta 1(MHCDRb1) in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for MHCDRb1 elisa kit	Tumor immunity; Infection immunity; Immune molecule; Immunodeficiency; Autoimmunity

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/mouse-elisa-kits/mhcdrb1-major-histocompatibility-complex-class-ii-dr-beta-1/275123>