

Mouse CD5L ELISA Kit | CD5L elisa kit

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CATALOG #
AAA258468

REACTIVITY
Mouse

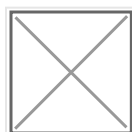
PRODUCT SYNONYMS

CD5L; Mouse CD5L ELISA Kit; CD5L ELISA Kit; Mouse; CD5 molecule-like; 42010 ELISA Kit; AAC-11 ELISA Kit; AI047839 ELISA Kit; Api6 ELISA Kit; CT2 ELISA Kit; Pdp ELISA Kit; Sp-alpha ELISA Kit; CD5L elisa kit

PRODUCT SPECIFICATIONS

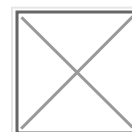
Reactivity	Mouse
Specificity	For the quantitative determination of Mouse CD5L concentration in serum.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Serum
Detection Range	15.63-1000pg/mL
Sensitivity	6.82pg/mL
Conjugation	HRP
Materials Provided	<ol style="list-style-type: none"> 1. 96 well microplate coated with Capture Antibody 2. Detection Antibody conjugated to HRP 3. Standards 4. Wash Buffer Concentrate 5. Dilution Buffer Concentrate 6. Color Reagent A 7. Color Reagent B 8. Stop Solution

IMAGES



Application Data

This assay recognizes both recombinant and natural Mouse CD5L. The factors listed below were prepared at 50ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed.



Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

Related Product Information for CD5L elisa kit	<p>This CD5L ELISA Kit, Mouse is an enzyme-linked immunosorbent assay for the quantitative measurement of Mouse CD5L protein in Serum. It contains recombinant Mouse CD5L, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use.</p> <p>Background: CD5L, also known as CD5 antigen-like, is a soluble protein belonging to group B of the scavenger receptor cysteine-rich (SRCR) superfamily and contains three SRCR domains. It is a secreted glycoprotein and expressed by macrophages present in lymphoid tissues (spleen, lymph node, thymus, and bone marrow). It binds to myelomonocytic and lymphoid cells and may play an important role in the regulation of the innate and adaptive immune systems. CD5L functions as a pattern recognition molecule by binding both lipoteichoic acid (LTA) on Gram positive and lipopolysaccharide (LPS) on Gram negative bacteria. and the SRCR domain 1 of CD5L retains both the LPS and LTA binding activities. In addition, it is revealed that CD5L seems to play a role as an inhibitor of apoptosis.</p>
References	<p>Resnick, D. et al., 1994, Trends Biochem. Sci. 19: 5-8.</p> <p>Gebe, J. A. et al., 1997, J. Biol. Chem. 272 (10): 6151-6158.</p> <p>Sarrias, M.R. et al., 2004, Crit. Rev. Immunol. 24: 1-37.</p> <p>Mukhopadhyay, S. and Gordon, S., 2004, Immunobiology 209: 39-49.</p> <p>Sarrias, M. R. et al., 2005, J. Biol. Chem. 280 (42): 35391-35398.</p>

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://stage.aaabiotech.com/mouse-elisa-kits/cd5l/258468>