Datasheet for ABIN6730060

CD1d1 ELISA Kit

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Overview

Quantity:	96 tests
Target:	CD1d1 (CD1D1)
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Mouse CD1d1 ELISA Kit.
Sample Type:	Cell Culture Supernatant, Cell Samples, Plasma, Serum, Tissue Lysate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA antibody pair recognizes Mouse CD1d1.
Characteristics:	• Strip plates and additional reagents allow for use in multiple experiments • Quantitative protein detection • Establishes normal range • The best products for confirmation of antibody array data
Components:	• Pre-Coated 96-well Strip Microplate • Wash Buffer • Stop Solution • Assay Diluent(s) • Lyophilized Standard • Biotinylated Detection Antibody

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Product Details

- Streptavidin-Conjugated HRP
- TMB One-Step Substrate

Material not included:

- Distilled or deionized water
- Precision pipettes to deliver 2 µl to 1 µl volumes
- Adjustable 1-25 µl pipettes for reagent preparation
- 100 µl and 1 liter graduated cylinders
- Tubes to prepare standard and sample dilutions
- Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- Log-log graph paper or computer and software for ELISA data analysis

Target Details

Target:	CD1d1 (CD1D1)
Alternative Name:	CD1d1 (CD1D1 Products)
UniProt:	P11609

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Protocol:	1. Prepare all reagents, samples and standards as instructed in the manual. 2. Add 100 µl of standard or sample to each well. 3. Incubate 2.5 h at RT or O/N at 4°C. 4. Add 100 µl of prepared biotin antibody to each well. 5. Incubate 1 h at RT. 6. Add 100 µl of prepared Streptavidin solution to each well. 7. Incubate 45 min at RT. 8. Add 100 µl of TMB One-Step Substrate Reagent to each well. 9. Incubate 30 min at RT. 10. Add 50 µl of Stop Solution to each well. 11. Read at 450 nm immediately.
Restrictions:	For Research Use only

Handling

Storage Comment:	The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is recommended to store at -80°C.

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Handling

Expiry Date:	6 months

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