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## Datasheet for ABIN6730657

### **CD86 ELISA Kit**



#### Overview

Quantity:	96 tests
Target:	CD86
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details	
Purpose:	Mouse B7-2/CD86 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 B7-2.
Characteristics:	<ul> <li>Strip plates and additional reagents allow for use in multiple experiments</li> <li>Quantitative protein detection</li> <li>Establishes normal range</li> <li>The best products for confirmation of antibody array data</li> </ul>
Components:	<ul> <li>Pre-Coated 96-well Strip Microplate</li> <li>Wash Buffer</li> <li>Stop Solution</li> <li>Assay Diluent(s)</li> <li>Lyophilized Standard</li> <li>Biotinylated Detection Antibody</li> </ul>

#### **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:	CD86
Alternative Name:	B7-2 (CD86 (CD86 Products)
UniProt:	P42082
Pathways:	TCR Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Cellular Response to Molecule of
	Bacterial Origin, Positive Regulation of Immune Effector Process, Activated T Cell Proliferation

## **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.
Expiry Date:	6 months