# .-online.com antibodies

## Datasheet for ABIN6730414 LAMP2 ELISA Kit



#### Overview

Quantity:	96 tests
Target:	LAMP2
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Application:	ELISA

#### **Product Details**

Purpose:	Mouse LAMP2/CD107b 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 LAMP2.
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>

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6730414 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

	<ul><li>Streptavidin-Conjugated HRP</li><li>TMB One-Step Substrate</li></ul>
Material not included:	Distilled or deionized water
	<ul> <li>Precision pipettes to deliver 2 µl to 1 µl volumes</li> </ul>
	<ul> <li>Adjustable 1-25 µl pipettes for reagent preparation</li> </ul>
	<ul> <li>100 µl and 1 liter graduated cylinders</li> </ul>
	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:	LAMP2
Alternative Name:	LAMP2 (CD107b (LAMP2 Products)
UniProt:	P17047
Pathways:	Autophagy

## 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 $\mu$ l 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 $\mu$ l of prepared Streptavidin solution to each well.
	7. Incubate 45 min at RT.
	8. Add 100 $\mu$ l 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 repeate
	freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is
Order at www.	antibodies-online.com   www.antikoerper-online.de   www.anticorps-enligne.fr   www.antibodies-online.cn

International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6730414 | 09/10/2023 | Copyright antibodies-online. All rights reserved. recommended to store at -80°C.

Expiry Date:

6 months

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN6730414 | 09/10/2023 | Copyright antibodies-online. All rights reserved.