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# Datasheet for ABIN6730716 CLEC14A ELISA Kit



#### Overview

Quantity:	96 tests
Target:	CLEC14A
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Application:	ELISA

#### Product Details

Purpose:	Mouse CLEC14A 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 CLEC14A.		
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>		

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	<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:	CLEC14A
Alternative Name:	CLEC14A (CLEC14A Products)
UniProt:	Q8VCP9

## 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 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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Expiry Date:

6 months

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