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# Datasheet for ABIN6730653

# **FCGR1A ELISA Kit**



#### Overview

Quantity:	96 tests
Target:	FCGR1A
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details			
Purpose:	Mouse Fc gamma RI/CD64 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 Fc gamma RI.		
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:	FCGR1A
Alternative Name:	Fc gamma RI (CD64 (FCGR1A Products)
UniProt:	P26151
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process

Application Details				
Application Notes:	Optimal working dilution should be determined by the investigator.			
Protocol:	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			

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recommended to store at -80°C.

Expiry Date: 6 months