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## Datasheet for ABIN6730179 HDAC8 ELISA Kit



#### Overview

Quantity:	96 tests
Target:	HDAC8
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Application:	ELISA

#### **Product Details**

Purpose:	Mouse Histone Deacetylase 8/HDAC8 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 Histone Deacetylase 8.
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:	HDAC8
Alternative Name:	Histone Deacetylase 8 (HDAC8 (HDAC8 Products)
UniProt:	Q8VH37
Pathways:	Cellular Glucan Metabolic Process

## 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 $\mu$ l 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 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 repeate
	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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Expiry Date:

6 months

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