



[Go to Product page](#)

Datasheet for ABIN6730694  
**OGN ELISA Kit**

### Overview

Quantity: 96 tests

Target: OGN

Reactivity: Mouse

Method Type: Sandwich ELISA

Application: ELISA

### Product Details

Purpose: Mouse Mimecan/Osteoglycin 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 Mimecan.

Characteristics:

- Strip plates and additional reagents allow for use in multiple experiments
- Quantitative protein detection
- Establishes normal range
- The best products for confirmation of antibody array data

Components:

- Pre-Coated 96-well Strip Microplate
- Wash Buffer
- Stop Solution
- Assay Diluent(s)
- Lyophilized Standard
- Biotinylated Detection Antibody

## 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:	OGN
Alternative Name:	Mimecan (Osteoglycin ( <a href="#">OGN Products</a> ))
UniProt:	<a href="#">Q62000</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

---

Application Notes:	Optimal working dilution should be determined by the investigator.
Protocol:	<ol style="list-style-type: none"><li>1. Prepare all reagents, samples and standards as instructed in the manual.</li><li>2. Add 100 µl of standard or sample to each well.</li><li>3. Incubate 2.5 h at RT or O/N at 4°C.</li><li>4. Add 100 µl of prepared biotin antibody to each well.</li><li>5. Incubate 1 h at RT.</li><li>6. Add 100 µl of prepared Streptavidin solution to each well.</li><li>7. Incubate 45 min at RT.</li><li>8. Add 100 µl of TMB One-Step Substrate Reagent to each well.</li><li>9. Incubate 30 min at RT.</li><li>10. Add 50 µl of Stop Solution to each well.</li><li>11. Read at 450 nm immediately.</li></ol>

---

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
------------------	---

---

## Handling

---

recommended to store at -80°C.

---

Expiry Date: 6 months