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## Datasheet for ABIN6951485 ESM1 ELISA Kit



#### Overview

Quantity:	96 tests
Target:	ESM1
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

#### **Product Details**

Purpose:	Human Endocan ELISA Kit.
Sample Type:	Cell Culture Supernatant, Cell Samples, Plasma, Serum, Tissue Lysate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
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> <li>Streptavidin-Conjugated HRP</li> <li>TMB One-Step Substrate</li> </ul>

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#### Material not included:

- Distilled or deionized water
- Precision pipettes to deliver 2  $\mu l$  to 1  $\mu l$  volumes
- Adjustable 1-25 µl pipettes for reagent preparation
- 100  $\mu I$  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:	ESM1
Alternative Name:	Endocan (ESM1 Products)
Gene ID:	11082
UniProt:	Q9NQ30
Pathways:	Growth Factor Binding

#### **Application Details**

Application Notes:	Optimal working dilution should be determined by the investigator.
Plate:	Pre-coated
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 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	
Expiry Date:	6 months
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