

Datasheet for ABIN4883886

**NELL1 ELISA Kit****1** Image[Go to Product page](#)

## Overview

Quantity: 96 tests

Target: NELL1

Reactivity: Human

Method Type: Sandwich ELISA

Detection Range: 10 pg/mL-200 ng/mL

Minimum Detection Limit: 10 pg/mL

Application: ELISA

## Product Details

Purpose: Human NELL1 ELISA Kit for Cell Culture Supernatants, Plasma, and Serum samples.

Sample Type: Plasma, Cell Culture Supernatant, Serum

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: This ELISA antibody pair detects human NELL-1. Other species not determined.

Sensitivity: 10 pg/mL

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

## Product Details

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- Wash Buffer
- Stop Solution
- Assay Diluent(s)
- Lyophilized Standard
- Biotinylated Detection Antibody
- Streptavidin-Conjugated HRP
- TMB One-Step Substrate

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### 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

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Target:	NELL1
Alternative Name:	NELL1 ( <a href="#">NELL1 Products</a> )
Gene ID:	4745
UniProt:	<a href="#">Q92832</a>

## Application Details

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Application Notes:	Recommended Dilution for serum and plasma samples 2 fold
Sample Volume:	100 µL
Plate:	Pre-coated
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></ol>

## Application Details

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11. Read at 450 nm immediately.

Restrictions: For Research Use only

## Handling

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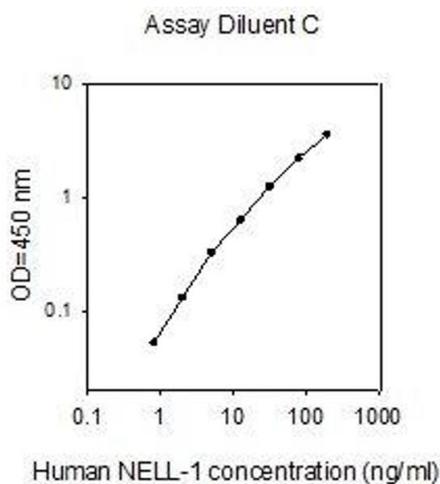
Storage: -20 °C

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.

Expiry Date: 6 months

## Images

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**ELISA**

**Image 1.**