

Datasheet for ABIN4885165
Cadherin 13 ELISA Kit



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Overview

Quantity:	96 tests
Target:	Cadherin 13 (CDH13)
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Custom Human Cadherin-13 SpeedELISA Kit.
Brand:	SpeedELISA
Sample Type:	Plasma, Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<ul style="list-style-type: none">• Compressed workflow with only one wash step and three incubation steps• 3 hours total processing time• 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:	<ul style="list-style-type: none">• Streptavidin-Coated 96-well Strip Microplate• Wash Buffer• Stop Solution• Assay Diluent(s)

Product Details

- Lyophilized Standard
- Biotinylated Capture Antibody
- HRP Conjugated Detection Antibody
- 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: Cadherin 13 (CDH13)

Alternative Name: Cadherin-13 ([CDH13 Products](#))

Gene ID: 1012

UniProt: [P55290](#)

Pathways: [EGFR Signaling Pathway](#), [Cell-Cell Junction Organization](#)

Application Details

Sample Volume: 100 µL

Assay Time: 3 h

Plate: Pre-coated

Protocol:

1. Prepare all reagents, samples and standards as instructed in the manual.
2. Add 70 µL of the Antibody Cocktail to each well.
3. Incubate 10 minutes at RT.
4. Add 50 µL of sample or standard to each well.
5. Incubate 2 h at RT.
6. Wash Wells
7. Add 100 µL of TMB One-Step Substrate Reagent to each well.
8. Incubate 30 min at RT.
9. Add 50 µL of Stop Solution to each well.
10. Read at 450 nm immediately.

Application Details

Restrictions: For Research Use only

Handling

Storage: -20 °C

Storage Comment: May be stored for up to 6 months at 2° to 8°C from the date of shipment. Opened Microplate Wells or reagents may be store for up to 1 month at 2° to 8°C. Return unused wells to the pouch containing desiccant pack, reseal along entire edge. Reconstituted standard can be stored at -80°C for up to 1 week.

Note: the kit can be used within one year if the whole kit is stored at -20°C. Avoid repeated freeze-thaw cycles.

Expiry Date: 6 months