

Datasheet for ABIN6730159
Ephrin A1 ELISA Kit



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Overview

Quantity: 96 tests

Target: Ephrin A1 (EFNA1)

Reactivity: Mouse

Method Type: Sandwich ELISA

Application: ELISA

Product Details

Purpose: Mouse Ephrin-A1 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 Ephrin-A1.

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:	Ephrin A1 (EFNA1)
Alternative Name:	Ephrin-A1 (EFNA1 Products)
UniProt:	P52793
Pathways:	RTK Signaling

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 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
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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
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Handling

recommended to store at -80°C.

Expiry Date: 6 months