

Datasheet for ABIN6730760  
**Neuromedin B ELISA Kit**



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1 Image

## Overview

Quantity:	96 tests
Target:	Neuromedin B
Reactivity:	Human, Mouse, Rat
Method Type:	Competition ELISA
Detection Range:	0.1 ng/mL - 1000 ng/mL
Minimum Detection Limit:	0.1 ng/mL
Application:	ELISA

## Product Details

Purpose:	Human/Mouse/Rat Neuromedin-B EIA Kit optimized for serum and cell culture media. Competition-based ELISA on a 96-well strip plate.
Sample Type:	Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This EIA kit is designed to detect human, mouse, and rat Neuromedin-B-32
Sensitivity:	0.3 ng/mL
Characteristics:	<ul style="list-style-type: none"><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>

## Product Details

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Components:	<ul style="list-style-type: none"><li>• Pre-Coated 96-well Strip Microplate</li><li>• Wash Buffer</li><li>• Standard Peptide</li><li>• Assay Diluent(s)</li><li>• Biotinylated Peptide</li><li>• HRP-Streptavidin</li><li>• TMB One-Step Substrate</li><li>• Stop Solution</li><li>• Assay Diagram</li><li>• Positive Control Sample</li><li>• Capture Antibody</li><li>• User Manual</li></ul>
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Material not included:	<ul style="list-style-type: none"><li>• Distilled or deionized water</li><li>• Precision pipettes to deliver 2 <math>\mu</math>L to 1 mL volumes</li><li>• Adjustable 1-25 mL pipettes for reagent preparation</li><li>• 100 mL and 1 liter graduated cylinders</li><li>• Tubes to prepare standard and sample dilutions</li><li>• Orbital shaker</li><li>• Aluminum foil</li><li>• Saran Wrap</li><li>• Absorbent paper</li><li>• Microplate reader capable of measuring absorbance at 450nm</li><li>• SigmaPlot software (or other software that can perform four-parameter logistic regression models)</li></ul>
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## Target Details

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Target:	Neuromedin B
Alternative Name:	Neuromedin-B ( <a href="#">Neuromedin B Products</a> )
Gene ID:	68039
UniProt:	<a href="#">Q9CR53</a>

## Application Details

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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.</li><li>2. Add 100 <math>\mu</math>L detection antibody to each well.</li><li>3. Incubate 1.5 h at RT or O/N at 4 <math>^{\circ}</math>C.</li><li>4. Add 100 <math>\mu</math>L standard or sample to each well.</li></ol>

## Application Details

5. Incubate 2.5 h at RT.
6. Add 100  $\mu$ L prepared streptavidin solution.
7. Incubate 45 min at RT.
8. Add 100  $\mu$ L TMB One-Step Substrate Reagent to each well.
9. Incubate 30 min at RT.
10. Add 50  $\mu$ L Stop Solution to each well.
11. Read plate at 450 nm immediately.

Reagent Preparation: Recommended Dilution for serum and plasma samples Human: 2x / Mouse: 2x / Rat: 2x

Restrictions: For Research Use only

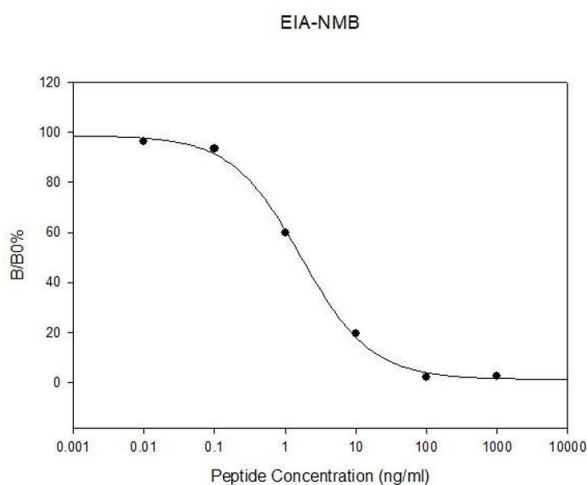
## Handling

Storage: -20  $^{\circ}$ C

Storage Comment: Standard, biotinylated peptide, and positive control should be stored at -20 $^{\circ}$ C after arrival. Avoid multiple freeze-thaws. The remaining kit components may be stored at 4 $^{\circ}$ C. Opened microplate wells and antibody (Item N) may be stored for up to 1 month at 2 $^{\circ}$  to 8 $^{\circ}$ C. Return unused wells to the pouch containing desiccant pack and reseal along entire edge.

Expiry Date: 6 months

## Images



### ELISA

Image 1. Standard Curve