

Product datasheet

Human Neuro Antibody Array I (Membrane, 20 Targets) ab211062

1 Image

Overview

<b>Product name</b>	Human Neuro Antibody Array I (Membrane, 20 Targets)
<b>Sample type</b>	Serum, Plasma, Other biological fluids, Cell Lysate, Cell culture media, Tissue Lysate
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Product overview</b>	Abcam's Human Neuro Antibody Array I (ab211062) for use with cell culture media, serum, plasma, cell and tissue lysates and other liquid samples.

Targets: BDNF, beta-NGF, GCSF, GDNF, HB-EGF, IFN gamma, IGF-1, IL-10, IL-1 alpha, IL-1 beta, IL-6, IL-8, MCP-1, MIP-1 alpha, MMP-2, MMP-3, S100B, TGF beta, TNF alpha, VEGF-A.

**Notes** Cytokine arrays are an antibody-pair-based assay, analogous to ELISA, but using a membrane as a substrate rather than a plate. Capture antibodies are supplied arrayed/spotted on a membrane with each pair of spots representing a different analyte. Sample is added (0.2-1 mL of 1 sample to each membrane), and then paired biotinylated detector antibodies and streptavidin HRP. The cytokine array is analyzed using the same methods as a chemiluminescent western blot. Comparison between samples can be by eye or using densitometry software for a semi-quantitative comparison.

[Learn more about cytokine arrays and other membrane antibody arrays](#)

Abcam has not and does not intend to apply for the REACH Authorisation of customers' uses of products that contain European Authorisation list (Annex XIV) substances.

It is the responsibility of our customers to check the necessity of application of REACH Authorisation, and any other relevant authorisations, for their intended uses.

**Tested applications** **Suitable for:** Multiplex Protein Detection

Properties

**Storage instructions** Store at -20°C. Please refer to protocols.

Components	2 Membrane	4 Membrane	8 Membrane
1,000X HRP-Conjugated Streptavidin	1 x 50µl	1 x 50µl	1 x 50µl

Components	2 Membrane	4 Membrane	8 Membrane
20X Wash Buffer I	1 x 10ml	1 x 10ml	1 x 20ml
20X Wash Buffer II	1 x 10ml	1 x 10ml	1 x 20ml
2X Cell Lysis Buffer	1 x 10ml	1 x 10ml	1 x 16ml
8-Well Incubation Tray (with Lid)	1 unit	1 unit	1 unit
Antibody Arrays	2 units	4 units	8 units
Biotinylated Antibody Cocktail	1 vial	2 vials	4 vials
1X Blocking Buffer	1 x 25ml	1 x 25ml	2 x 25ml
Detection Buffer C	1 x 1.5ml	1 x 1.5ml	1 x 2.5ml
Detection Buffer D	1 x 1.5ml	1 x 1.5ml	1 x 2.5ml
Plastic sheets	1 unit	1 unit	1 unit

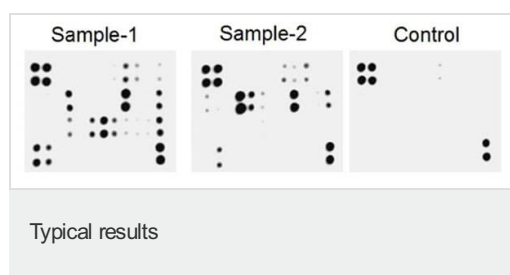
## Applications

Our [Abpromise guarantee](#) covers the use of **ab211062** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Multiplex Protein Detection		Use at an assay dependent concentration.

## Images



Membranes were probed with conditioned media from two different cell lines. Membranes were exposed to film at room temperature for 1 minute.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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