

Product datasheet

Cytokine Array - Rat Cytokine Antibody Array (Membrane, 19 Targets) ab133991

[2 References](#) [1 Image](#)

Overview

Product name	Cytokine Array - Rat Cytokine Antibody Array (Membrane, 19 Targets)
Sample type	Cell culture supernatant, Saliva, Milk, Urine, Serum, Plasma, Cell culture extracts, Other biological fluids, Whole Blood, Tissue Extracts, Cell Lysate, Cell culture media
Assay type	Semi-quantitative
Species reactivity	Reacts with: Rat
Product overview	ab133991 is for simultaneous detection of 19 Rat Cytokines in 4 or 8 samples. Suitable for all sample types.

Targets: CINC-2, CINC-3, CNTF, Fractalkine, GM-CSF, IFN-gamma, IL-1alpha, IL-1beta, IL-4, IL-6, IL-10, Leptin, LIX, MCP-1, MIP-3alpha, beta-NGF, TIMP-1, TNF-alpha, VEGF

[Learn more about membrane antibody arrays](#)

Notes	<p>If you are interested in this cytokine array, a list of rat cytokine membrane arrays is available here.</p> <p>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.</p> <p>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.</p>
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Tested applications	Suitable for: Multiplex Protein Detection
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Properties

Storage instructions	Store at -20°C. Please refer to protocols.
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Components	1 x 4 Membranes	1 x 8 Membranes
1,000X HRP-Conjugated Streptavidin	1 x 50µl	1 x 50µl
1X Blocking Buffer	1 x 25ml	2 x 25ml

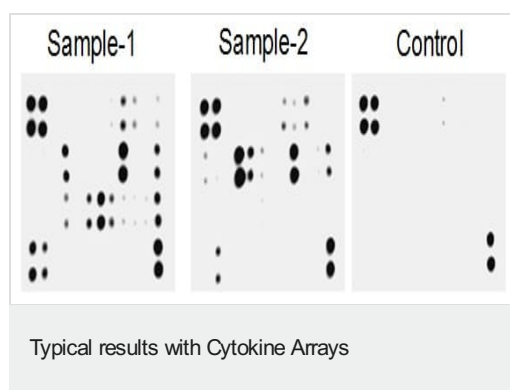
Components	1 x 4 Membranes	1 x 8 Membranes
20X Wash Buffer I	1 x 10ml	1 x 20ml
20X Wash Buffer II	1 x 10ml	1 x 20ml
2X Cell Lysis Buffer	1 x 10ml	1 x 16ml
8-Well Incubation Tray (with Lid)	1 unit	1 unit
Biotin-Conjugated Anti-Cytokines	2 vials	4 vials
Cytokine Antibody Array Membranes	4 units	8 units
Detection Buffer C	1 x 1.5ml	1 x 2.5ml
Detection Buffer D	1 x 1.5ml	1 x 2.5ml

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab133991 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



Typical results obtained with Abcam Human Cytokine Membrane Antibody Array. These membranes were probed with conditioned media from two different cell lines. Membranes were exposed to film at RT for 1 min.

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