

## Product datasheet

# Rat Cytokine Antibody Array B (10 Targets) - Quantitative ab197482

[3 Images](#)

### Overview

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<b>Product name</b>	Rat Cytokine Antibody Array B (10 Targets) - Quantitative
<b>Sample type</b>	Serum, Plasma, Other biological fluids, Cell Lysate, Cell culture media, Tissue Lysate
<b>Assay type</b>	Quantitative
<b>Assay time</b>	6h 00m
<b>Species reactivity</b>	<b>Reacts with:</b> Rat
<b>Product overview</b>	ab197482 can be used for quantitative measurement of 10 Rat cytokines. Suitable for serum, plasma, cell culture media, other body fluids, cell and tissue lysates. Targets names: ICAM-1, IFN $\gamma$ , IL-1 $\beta$ , IL-6, IL-10, Leptin, L-selectin, MCP-1, TIMP-1, TNF $\alpha$ . <b><u><a href="#">Learn more about quantitative antibody arrays</a></u></b>

**Notes** Quantitative antibody arrays can be used to quantitate up to 40 cytokines with as little as 50  $\mu$ L of sample. Arrays are available for 400 human and 200 mouse proteins.

Each glass slide is spotted with 16 identical antibody arrays and is provided with a 16 well gasket to allow separate samples to be applied to each array. Each antibody is spotted in quadruplicate in each array. For reproducible quantitation, eight of the arrays are used with a cocktail of protein standards to produce a standard curve. The same 8 standard curve arrays can be used across multiple slides, allowing measurement of 22 experimental samples with 2 slides, 36 with 3 slides etc.

For high through-put, 4 slides can be nested into a tray matching a standard microplate, allowing automated processing with a liquid handling workstation.

Array processing can be completed within one working day (see workflow diagram below) and arrays can be analyzed with a wide number of laser glass slide array / gene microarray scanners. If you don't have a suitable scanner then we recommend our membrane antibody arrays, which can be analyzed with any WB chemiluminescent reader.

**[Learn more about quantitative antibody arrays](#)**

**[Learn more about membrane antibody arrays](#)**

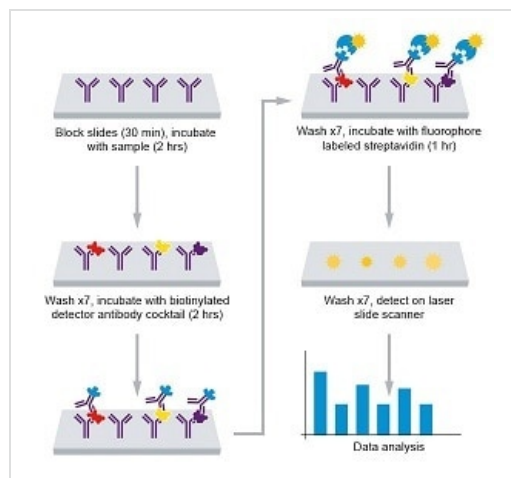
## Properties

### Storage instructions

Store at -20°C. Please refer to protocols.

Components	22 tests	8 tests	50 tests
20X Wash Buffer I	3 x 30ml	2 x 30ml	6 x 30ml
20X Wash Buffer II	1 x 30ml	1 x 30ml	2 x 30ml
Cy3 equivalent dye-conjugated Streptavidin	2 x 5µl	1 x 5µl	4 x 5µl
Rat Cytokine Array B (10 T) Biotinylated Antibody Cocktail	2 units	1 unit	4 units
Rat Cytokine Array B (10 T) Glass Slide	2 slides	1 slide	4 slides
Rat Cytokine Array B (10 T) Lyophilized Cytokine Standard Mix	2 vials	1 vial	2 vials
Sample Diluent	1 x 15ml	1 x 15ml	2 x 15ml
Slide Washer/Dryer (30 mL Centrifuge Tube)	1 unit	1 unit	2 units

## Images



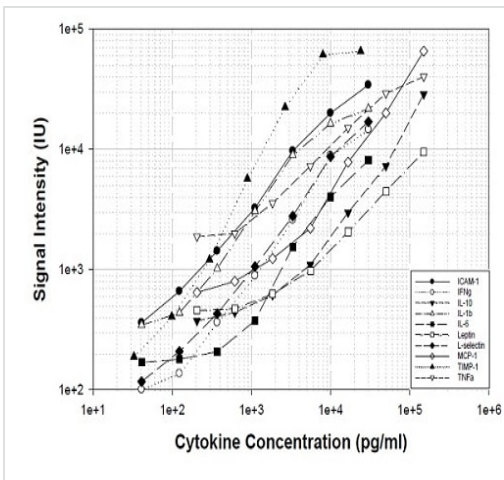
Rat Cytokine Antibody Array B (10 Targets) - Quantitative (ab197482) Assay Summary

Rat Cytokine Antibody Array B (10 Targets) -  
Quantitative (ab197482) Assay Summary

POS1	POS2
IL-1 $\beta$	IL-6
IL-10	IFN $\gamma$
ICAM-1	Leptin
L-Selectin	MCP-1
TIMP-1	TNF $\alpha$

Array Map for Rat Cytokine Antibody Array B (10 Targets) - Quantitative (ab197482)

Rat Cytokine Antibody Array B (10 Targets) - Quantitative (ab197482) Array Map



Standard Curve obtained with Rat Cytokine Antibody Array B (10 Targets) - Quantitative (ab197482)

Rat Cytokine Antibody Array B (10 Targets) - Quantitative (ab197482) Standard Curve

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

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