

Product datasheet

Human Inflammation Antibody Array A (10 Targets) - Quantitative ab197449

[3 Images](#)

Overview

Product name	Human Inflammation Antibody Array A (10 Targets) - Quantitative
Sample type	Serum, Plasma, Other biological fluids, Cell Lysate, Cell culture media, Tissue Lysate
Assay type	Sandwich (quantitative)
Assay time	6h 00m
Species reactivity	Reacts with: Human
Product overview	ab197449 can be used for quantitative measurement of 10 Human Inflammation Antibody Array A. Suitable for serum, plasma, cell culture media, other body fluid, cell and tissue lysates.

Targets: IL-1 α , IL-1 β , IL-4, IL-6, IL-8, IL-10, IL-13, MCP-1, IFN γ , TNF α .

Notes Quantitative antibody arrays can be used to quantitate up to 40 cytokines with as little as 50 μ 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.

The .GAL file used for this Array can be downloaded [here](#).

The standard is affinity purified.

Learn more about quantitative antibody arrays

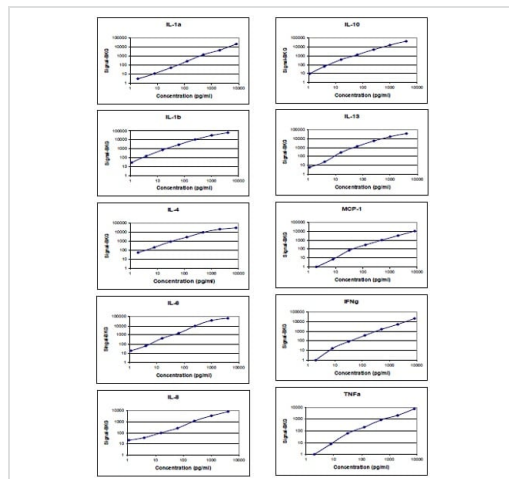
Learn more about membrane antibody arrays

Properties

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

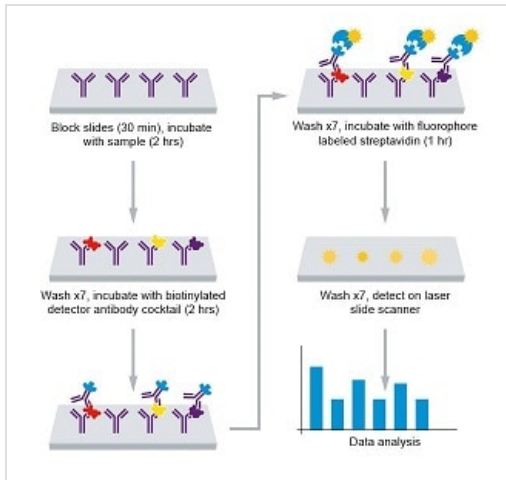
Components	50 tests	22 tests	8 tests	8 tests
20X Wash Buffer I	6 x 30ml	3 x 30ml	2 x 30ml	2 x 30ml
20X Wash Buffer II	2 x 30ml	1 x 30ml	1 x 30ml	1 x 30ml
Cy3 equivalent dye-conjugated Streptavidin	4 x 5µl	2 x 5µl	1 x 5µl	1 x 5µl
Human Inflammation Array A (10 T) Biotinylated Antibody Cocktail	4 units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

Images



Standard Curve obtained with Abcam Human Inflammation Antibody Array (10 targets)- Quantitative (ab197449)

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Assay summary for Human Inflammation Antibody Array (10 targets)- Quantitative (ab197449)

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POS1	POS2
IL-1 α	IL-1 β
IL-4	IL-6
IL-8	IL-10
IL-13	MCP-1
IFN γ	TNF α

Array Map for Human Inflammation Antibody Array (10 targets) - Quantitative (ab197449)

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

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