

Product datasheet

# Human Chemokine Antibody Array (40 Targets) - Quantitative ab197435

[3 Images](#)

Overview

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<b>Product name</b>	Human Chemokine Antibody Array (40 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> Human
<b>Product overview</b>	ab197435 can be used for quantitative measurement of 40 Human cytokines. Suitable for serum, plasma, cell culture media, other body fluids, cell and tissue lysates.

Target names: 6Ckine, Axl, BTC, CCL28, CTACK, CXCL16, ENA-78, Eotaxin-3, GCP-2, GRO, HCC-1, HCC-4, IL-9, IL-17F, IL-18 BPa, IL-28A, IL-29, IL-31, IP-10, I-TAC, LIF, LIGHT, Lymphotactin, MCP-2, MCP-3, MCP-4, MDC, MIF, MIP-3 $\alpha$ , MIP-3 $\beta$ , MPIF-1, MSP $\alpha$ , NAP-2, OPN, PARC, PF4, SDF-1 $\alpha$ , TARC, TECK, TSLP.

The analytes measured by this kit are split across a single array on the same slide, provided in the kit.

[Learn more about quantitative antibody arrays](#)

**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 on 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 (not supplied), allowing automated processing with a liquid handling workstation.

Array processing can be completed within one working day and arrays can be analyzed with a wide number of laser glass slide array / gene microarray scanners (see scanner requirements at

[www.abcam.com/QuantAntibodyArrays](http://www.abcam.com/QuantAntibodyArrays)). If you don't have a suitable scanner then we recommend our membrane antibody arrays, which can be analyzed with any WB chemiluminescent reader. See below for a schematic protocol, the fluorophore is a dye with equivalent to excitation/emission to Cy3.

The standard is affinity purified.

[Learn more about quantitative antibody arrays](#)

[Learn more about membrane antibody arrays](#)

## Properties

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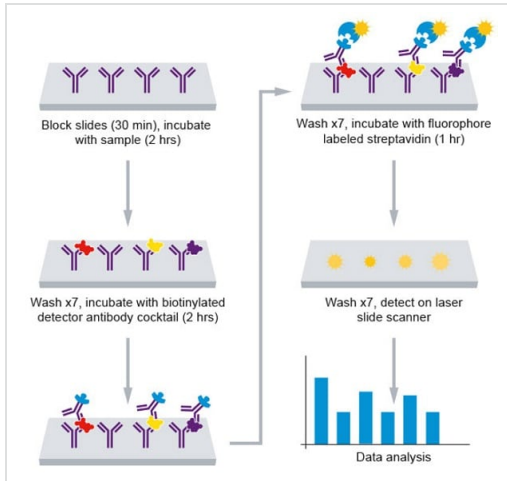
### Storage instructions

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

Components	8 tests	22 tests	50 tests
20X Wash Buffer I	2 x 30ml	3 x 30ml	6 x 30ml
20X Wash Buffer II	1 x 30ml	1 x 30ml	2 x 30ml
Cy3 equivalent dye-conjugated Streptavidin	1 x 5µl	2 x 5µl	4 x 5µl
Human Chemokine Array (40 T) Biotinylated Antibody Cocktail	1 unit	2 units	4 units
Human Chemokine Array (40 T) Glass Slide	1 slide	2 slides	4 slides
Human Chemokine Array (40 T) Lyophilized Cytokine Standard Mix	1 vial	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

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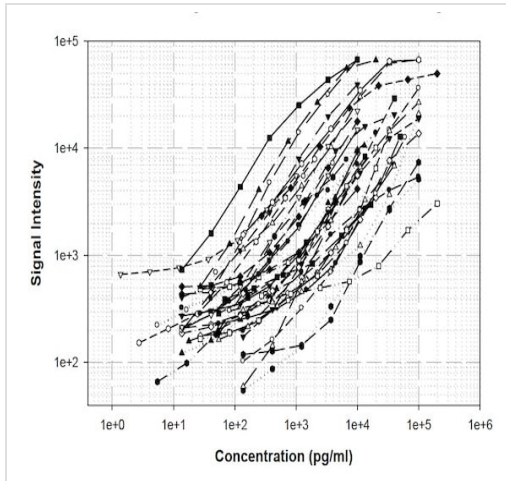
Assay summary for Abcam Human Chemokine Antibody Array (40 Targets) - Quantitative (ab197435).

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POS1	POS2	6Ckine
Axl	BTC	CCL28
CTACK	CXCL16	ENA-78
Eotaxin-3	GCP-2	GRO
HCC-1	HCC-4	IL-9
IL-17F	IL-18 BPa	IL-28A
IL-29	IL-31	IP-10
I-TAC	LIF	LIGHT
Lymphotactin	MCP-2	MCP-3
MCP-4	MDC	MIF
MIP-3a	MIP-3b	MPIF-1
MSPa	NAP-2	OPN
PARC	PF4	SDF-1a
TARC	TECK	TSLP

Array map for Abcam Human Chemokine Antibody Array (40 Targets) - Quantitative (ab197435).

Array map for Abcam Human Chemokine Antibody Array (40 Targets) - Quantitative (ab197435).



Standard Curves obtained using Abcam Human Chemokine Antibody Array (40 Targets) - Quantitative (ab197435).

Standard Curves obtained using Abcam Human Chemokine Antibody Array (40 Targets) - Quantitative (ab197435).

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

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