

Product datasheet

Human Cytokine Antibody Array E (40 Targets) - Quantitative ab197442

3 Images

Overview

Product name	Human Cytokine Antibody Array E (40 Targets) - Quantitative
Sample type	Serum, Plasma, Other biological fluids, Cell Lysate, Cell culture media, Tissue Lysate
Assay type	Quantitative
Assay time	6h 00m
Species reactivity	Reacts with: Human
Product overview	ab197442 can be used for quantitative measurement of 40 Human cytokines. Suitable for serum, plasma, cell culture media, other body fluids, cell and tissue lysates.

Targets names: ANGPTL3, β IG-H3, CA9, Cathepsin B, CD23, CHI3L1, CTLA4, Dkk-4, DPPIV, EDA-A2, Epo R, FGF-6, FGF-9, Gas1, IGFBP-5, IL-1F5, IL-1F6, IL-1F7, IL-1F8, IL-1F9, IL-1F10, IL-1R5, IL-17C, IL-18, IL-20, IL-34, IL-5 $R\alpha$, IL-10 $R\alpha$, Layilin, Leptin R, Marapsin, Mer, MMP-, P-Cadherin, Prostatin, PSMA, SIGIRR, TGF β RIII, Tissue Factor, TWEAK.

[Learn more about quantitative antibody arrays](#)

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.

[Learn more about quantitative antibody arrays](#)

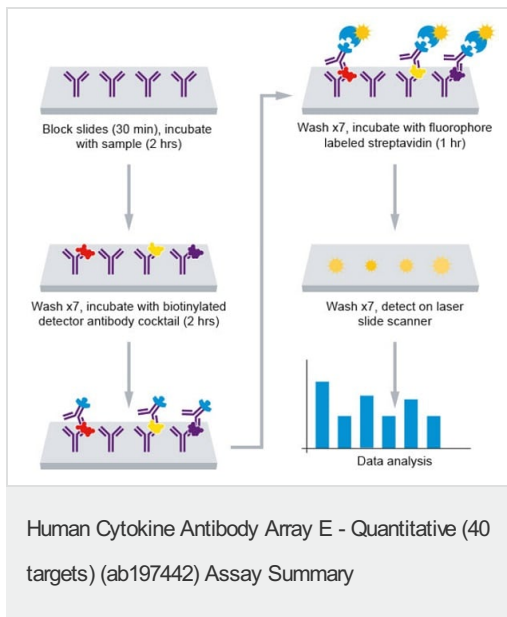
[Learn more about membrane antibody arrays](#)

Properties

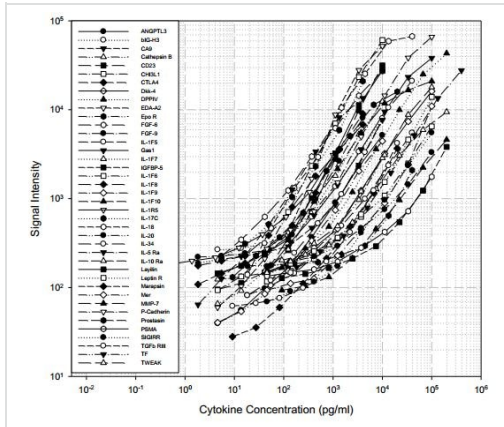
Storage instructions Store at -20°C. Please refer to protocols.

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 Cytokine Array E (40 T) Biotinylated Antibody Cocktail	1 unit	2 units	4 units
Human Cytokine Array E (40 T) Glass Slide	1 slide	2 slides	4 slides
Human Cytokine Array E (40 T) Lyophilized Cytokine Standard Mix	1 vial	2 vials	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



Assay summary for Abcam Human Cytokine Antibody Array E (40 Targets) - Quantitative (ab197442).



Standard Curve obtained using Abcam Human Cytokine Antibody Array E (40 Targets) - Quantitative (ab197442).

Human Cytokine Antibody Array E - Quantitative (40 targets) (ab197442) Standard Curve

POS1	POS2	ANGPTL3
β IG-H3	CA9	Cathepsin B
CD23	CHI3L1	CTLA4
Dkk-4	DPPIV	EDA-A2
Epo R	FGF-6	FGF-9
Gas1	IGFBP-5	IL-1F5
IL-1F6	IL-1F7	IL-1F8
IL-1F9	IL-1F10	IL-1R5
IL-17C	IL-18	IL-20
IL-34	IL-5 R α	IL-10 R α
Layilin	Leptin R	Marapsin
Mer	MMP-7	P-Cadherin
Prostasin	PSMA	SIGIRR
TGF β RIII	Tissue Factor	TWEAK

Array map for Abcam Human Cytokine Antibody Array E (40 Targets) - Quantitative (ab197442).

Human Cytokine Antibody Array E - Quantitative (40 targets) (ab197442) Array Map

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