

Mouse Interleukin Antibody Array (20 Targets) - Quantitative ab197475

[3 Images](#)

Overview

Product name	Mouse Interleukin Antibody Array (20 Targets) - Quantitative
Sample type	Cell culture supernatant, Serum, Plasma, Other biological fluids, Cell Lysate, Tissue Lysate
Assay type	Quantitative
Assay time	6h 00m
Species reactivity	Reacts with: Mouse
Product overview	<p>ab197475 can be used for quantitative measurement of 40 mouse interleukins. Suitable for cell culture supernatants, plasma, serum, cell and tissue lysates, and other biological fluids.</p> <p>Targets names: G-CSF, GM-CSF, IFNγ, IL-1α, IL-1β, IL-2, IL-3, IL-4, IL-5, IL-6, IL-7, IL-9, IL-10, IL-12p70, IL-13, IL-15, IL-17, IL-21, IL-23, TNFα</p>

Learn more about quantitative antibody arrays

Notes

Quantitative antibody arrays can be used to quantitate up to 40 interleukins 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.

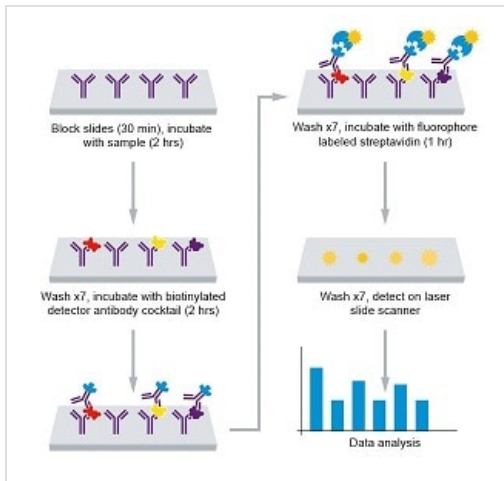
Components	8 tests	50 tests	22 tests
20X Wash Buffer I	2 x 30ml	6 x 30ml	3 x 30ml
20X Wash Buffer II	1 x 30ml	2 x 30ml	1 x 30ml
Cy3 equivalent dye-conjugated Streptavidin	1 x 5µl	4 x 5µl	2 x 5µl
Mouse Interleukin Array (20 T) Biotinylated Antibody Cocktail	1 unit	4 units	2 units
Mouse Interleukin Array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

Images

Each antibody is printed in quadruplicate horizontally									
	1	2	3	4	1	2	3	4	
A	POS1				POS2				
B	GCSF				GM-CSF				
C	IL-1 alpha				IL-1 beta				
D	IL-2				IL-3				
E	IL-4				IL-5				
F	IL-6				IL-7				
G	IL-9				IL-10				
H	IL-12 p70				IL-13				
I	IL-15				IL-17A				
J	IL-21				IL-23				
K	IFN-gamma				TNF-alpha				

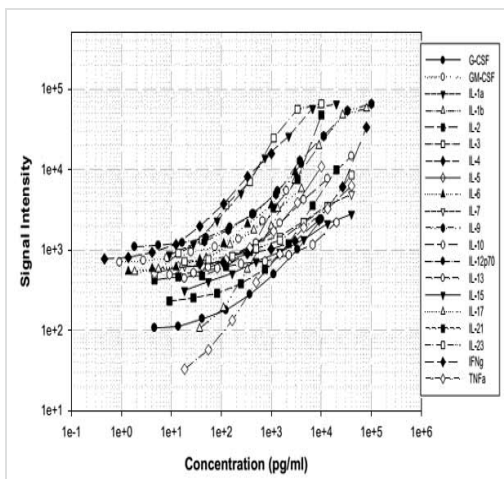
Mouse Interleukin Antibody Array - Quantitative (20 targets) (ab197475) - Array map

Array map for Mouse Interleukin Antibody Array - Quantitative (20 targets) (ab197475)



Mouse Interleukin Antibody Array - Quantitative (20 targets)
(ab197475) - Assay summary

Mouse Interleukin Antibody Array - Quantitative (20 targets) (ab197475) - Assay summary



Standard Curve obtained with abcam Mouse Interleukin Antibody Array - Quantitative (20 targets) (ab197475)

Mouse Interleukin Antibody Array - Quantitative (20 targets) (ab197475) - Standard curve

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

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