

Human Adhesion Molecule Antibody Array (17 Targets) - Quantitative ab197434

3 Images

Overview

Product name	Human Adhesion Molecule Antibody Array (17 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	<p>ab197434 can be used for quantitative measurement of 17 Human Adhesion Molecule. Suitable for serum, plasma, cell culture media, other body fluids, cell and tissue lysates.</p> <p>Target names: ALCAM, BCAM, CEACAM-1, E-Cadherin, EpCAM, E-Selectin, ICAM-1, ICAM-2, ICAM-3, L-Selectin, NCAM-1, NrCAM, P-Cadherin, P-Selectin, PECAM-1, VCAM-1, VE-Cadherin.</p> <p>The analytes measured by this kit are split across a single array on the same slide, provided in the kit.</p>

Learn more about quantitative antibody arrays

Notes	<p>Quantitative antibody arrays can be used to quantitate up to 40 cytokines with as little as 50 µL of sample. Arrays are available for 400 human and 200 mouse proteins.</p> <p>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.</p> <p>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.</p> <p>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). 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.</p>
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Learn more about quantitative antibody arrays

Learn more about membrane antibody arrays

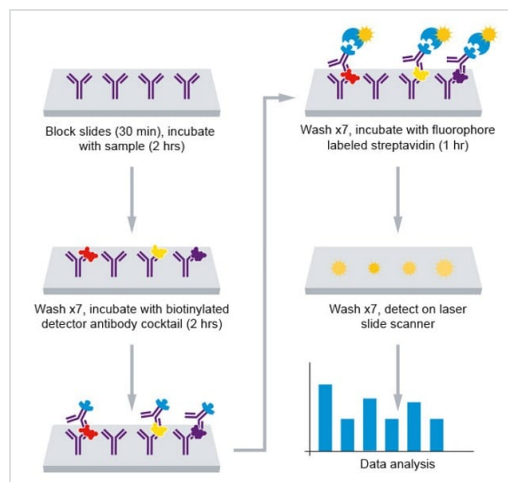
Properties

Storage instructions

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

Components	50 tests	22 tests	8 tests
20X Wash Buffer I	6 x 30ml	3 x 30ml	2 x 30ml
20X Wash Buffer II	2 x 30ml	1 x 30ml	1 x 30ml
Cy3 equivalent dye-conjugated Streptavidin	4 x 5µl	2 x 5µl	1 x 5µl
Human Adhesion Molecule Array (17 T) Biotinylated Antibody Cocktail	4 units	2 units	1 unit
Human Adhesion Molecule Array (17 T) Glass Slide	4 slides	2 slides	1 slide
Human Adhesion Molecule Array (17 T) Lyophilized Cytokine Standard Mix	2 vials	2 vials	1 vial
Sample Diluent	2 x 15ml	1 x 15ml	1 x 15ml
Slide Washer/Dryer (30 mL Centrifuge Tube)	2 units	1 unit	1 unit

Images



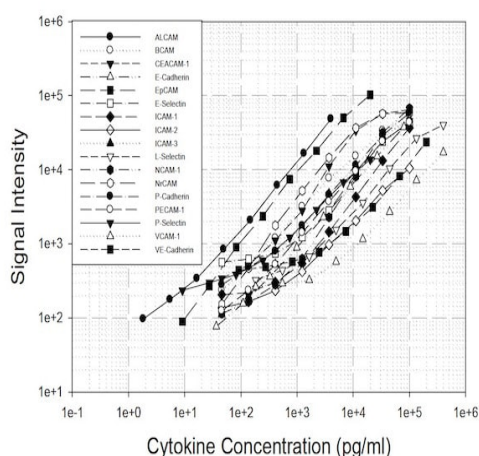
Assay summary for Abcam Human Adhesion Molecule Antibody Array (17 Targets) - Quantitative (ab197434).

Assay summary for Abcam Human Adhesion Molecule Antibody Array (17 Targets) - Quantitative (ab197434).

POS1	POS2
ALCAM	BCAM
CEACAM-1	E-Cadherin
EpCAM	E-Selectin
ICAM-1	ICAM-2
ICAM-3	L-Selectin
NCAM-1	NrCAM
P-Cadherin	PECAM-1
P-Selectin	VCAM-1
VE-Cadherin	NEG

Array map for Abcam Human Adhesion Molecule
Antibody Array (17 Targets) - Quantitative
(ab197434).

Array map for Abcam Human Adhesion Molecule Antibody Array
(17 Targets) - Quantitative (ab197434).



Standard Curve obtained using Abcam Human
Adhesion Molecule Antibody Array (10 Targets) -
Quantitative (ab197434).

Standard Curve obtained using Abcam Human Adhesion Molecule
Antibody Array (10 Targets) - Quantitative (ab197434).

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