

Product datasheet

# Human Th1/Th2 Antibody Array (10 Targets) - Quantitative ab197456

3 Images

Overview

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<b>Product name</b>	Human Th1/Th2 Antibody Array (10 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>	ab197456 can be used for quantitative measurement of 10 Human Cytokines. Suitable for serum, plasma, cell culture media, other body fluid, cell and tissue lysates. Target names: IL-2, IL-4, IL-5, IL-6, IL-8, IL-10, IL-13, GM-CSF, IFN $\gamma$ , TNF $\alpha$ .

[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 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.

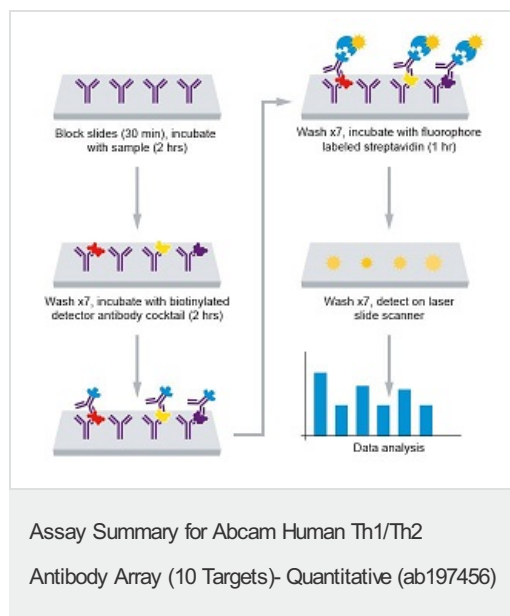
[Learn more about quantitative antibody arrays](#)

## 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 Th1/Th2 Array (10 T) Biotinylated Antibody Cocktail	1 unit	2 units	4 units
Human Th1/Th2 Array (10 T) Glass Slide	1 slide	2 slides	4 slides
Human Th1/Th2 Array (10 T) Lyophilized Cytokine Standard Mix	1 vial	2 vials	4 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

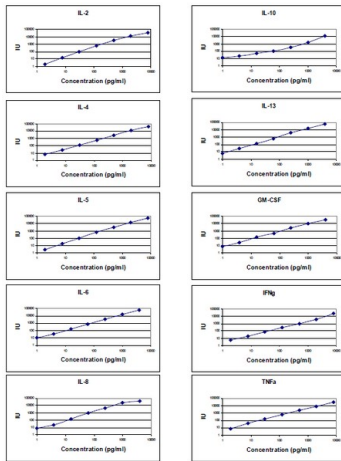


Assay Summary for Abcam Human Th1/Th2 Antibody Array (10 Targets)- Quantitative (ab197456)

<b>POS1</b>	<b>POS2</b>
<b>IL-2</b>	<b>IL-4</b>
<b>IL-5</b>	<b>IL-6</b>
<b>IL-8</b>	<b>IL-10</b>
<b>IL-13</b>	<b>GM-CSF</b>
<b>IFN<math>\gamma</math></b>	<b>TNF<math>\alpha</math></b>

Array Map for Abcam Human Th1/Th2 Antibody Array (10 Targets)-  
Quantitative (ab197456)

Array Map for Abcam Human Th1/Th2 Antibody  
Array (10 Targets)- Quantitative (ab197456)



Standard Curve obtained with Abcam Human Th1/Th2 Antibody  
Array (10 Targets)- Quantitative (ab197456)

Standard Curve obtained with Abcam Human  
Th1/Th2 Antibody Array (10 Targets)- Quantitative  
(ab197456)

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

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