

# Cytokine Antibody Arrays Human, Mouse, and Rat

[Product Features](#) [Typical Applications](#) [How Cytokine Antibody Arrays Work](#) [Kit Content](#)  
[Order Form](#) [Contact Us](#)

page 1 of 5

## Our cytokine antibody arrays have broad applications for basic biomedical research, drug discovery, and biomarker discovery

These RayBiotech products, distributed by SeraCare, detect proteins involved in inflammation, atherosclerosis, growth factors, adipokines, angiogenesis, chemokines, and MMPs

### Product Features

- Simultaneous detection of up to 174 cytokines in a single experiment
  - Saves time, cost, and sample, as compared to ELISA
- Highly specific, sensitive, and reliable
  - Most proteins detected at pg levels
- Cost effective, accurate, and reproducible
- Requires as little as 100 µL of sample for membrane arrays and 10 µL for glass slide arrays
- Compatible with many sample types
  - Including serum, cell culture supernates, cell and tissue lysates, and a wide range of body fluids
- Both glass slide and membrane formats available

Comparison of Cytokine Levels Cytokine antibody array to ELISA			
Protein	Test	Fold change before/after stimulation <sup>1</sup>	Fold change between two patients <sup>2</sup>
IL-8	Array	17.0	1.1
	ELISA	24.0	1.3
INF $\gamma$	Array	1.0	1.0
	ELISA	1.0	1.1
MCP-1	Array	2.5	17.0
	ELISA	2.0	22.2

The relative expression levels in our arrays were determined by densitometry. The actual protein levels were quantified by ELISA and demonstrate the validity of the cytokine antibody arrays

Fold change represents cytokines differentially expressed: <sup>1</sup>between TNF- $\alpha$  treated and untreated U251 cells in conditioned media; and, <sup>2</sup>between two patients

Developed by RayBiotech  
Distributed by SeraCare

### Typical Applications

- Profiling cytokine expressions, monitoring cytokine/chemokine levels
- Identifying potential molecular targets for drug development
- Identifying crucial factors in disease processes
- Screening biomarkers for disease management

[Order Form](#)

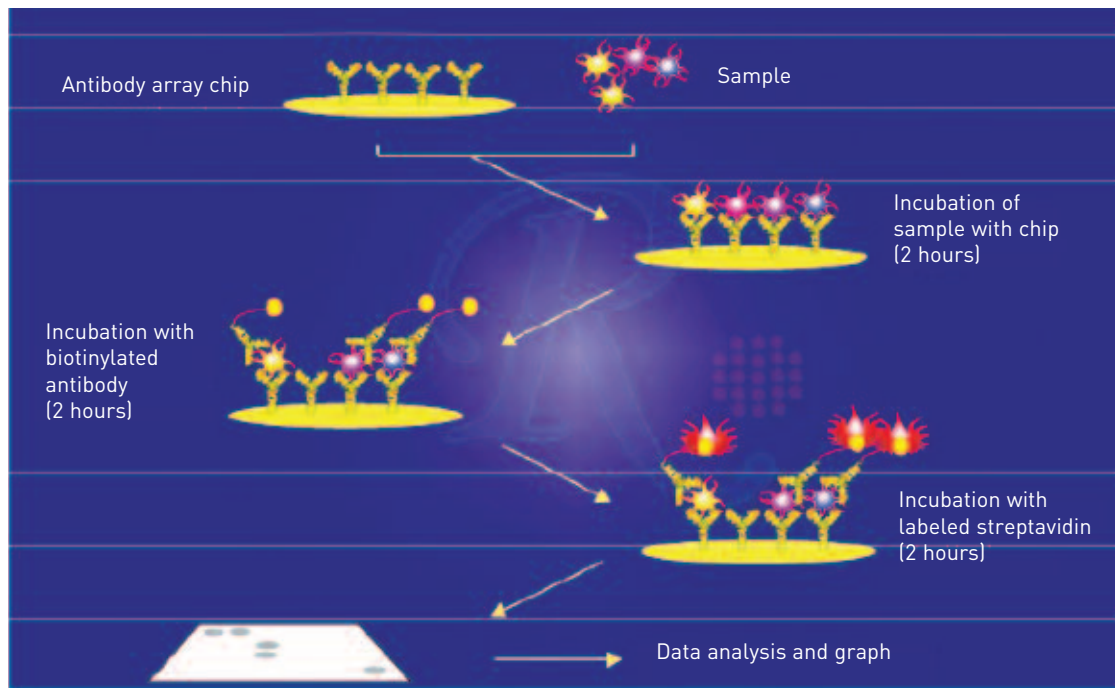
### Related Products and Services

[Protein Arrays](#) | [Tissue MicroArrays](#) | [ELISA Kits](#) | [Custom Arrays](#) | [Testing Services](#)



Quality is in our blood

## How Cytokine Antibody Arrays Work



## Kit Content

- Cytokine antibody array
  - membranes (2, 4, or 8)
  - glass slide (4 or 8 arrays)
- Biotin-conjugated anti-cytokines
- HRP-conjugated streptavidin (1,000X)
- Blocking buffer
- Wash buffer I and wash buffer II
- Cell lysis buffer
- Detection buffer C
- Detection buffer D
- Eight-well tray (one each)
- User manual (including specific list of detected cytokines)

## Custom Requirements

- Use the Order Form to specify your needs for economical custom arrays, testing services, or software analysis tools

## Order Form

### Human Cytokine, Growth Factor, and Angiogenesis Antibody Arrays

**Product Description.** Arrays detect a range of cytokines, proteins, growth factors, or angiogenesis factors (for details, click on specific array Cat No under "View and Order Products")

**Sample Type.** Serum, cell culture supernates, cell and tissue lysates, and a wide range of body fluids

[View and Order Products.](#) Click or go to page 4

### Mouse Cytokine and Inflammation Antibody Arrays

**Product Description.** Arrays detect a range of cytokines or inflammation factors (for details, click on specific array Cat No under "View and Order Products")

**Sample Type.** Serum, cell culture supernates, cell and tissue lysates, and a wide range of body fluids

[View and Order Products.](#) Click or go to page 5

### Rat Cytokine Antibody Arrays

**Product Description.** Arrays detect a range of cytokines (for details, click on specific array Cat No under "View and Order Products")

**Sample Type.** Serum, cell culture supernates, cell and tissue lysates, and a wide range of body fluids

[View and Order Products.](#) Click or go to page 5

### Custom Products, Analysis Tools, and Testing Services

- Contact me about custom-built arrays (choose from dozens of antibodies and 14 to 98 arrays)
- Contact me about testing my samples in your lab
- Contact me about biotin-conjugated anti-cytokines
- Contact me about software analysis tools specific to each array

### Detail of My Specific Need

Use the box below to communicate additional information about your specific cytokine antibody array requirements

### My Preferred Next Contact

I am interested in (check all that apply)

- Immediate purchase     Pricing     Availability

I would like SeraCare to (check all that apply)

- Send information     Contact me     Send quotation

### My Contact Information

Name \_\_\_\_\_

Title \_\_\_\_\_ Phone \_\_\_\_\_

Organization \_\_\_\_\_

Street Address \_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_

Country \_\_\_\_\_ Zip/Postal Code \_\_\_\_\_

Email \_\_\_\_\_

All fields required

[Copy to my email](#)  
(Available for those with email resident on desktop)

[Submit](#)



For more information or to place an order, contact SeraCare customer service at 800.676.1881, or visit our eCatalog at [www.seracarecatalog.com](http://www.seracarecatalog.com)

### View and Order Products

#### Human Cytokine Antibody Arrays—Membrane

Qty	Product <sup>1</sup>	Detects <sup>2</sup>	Cat No <sup>3</sup>
<input type="checkbox"/>	Array 1 (2 arrays)	23 C	<a href="#">AAH-CYT-1-2</a>
<input type="checkbox"/>	Array 1 (4 arrays)	23 C	<a href="#">AAH-CYT-1-4</a>
<input type="checkbox"/>	Array 1 (8 arrays)	23 C	<a href="#">AAH-CYT-1-8</a>
<input type="checkbox"/>	Array 3 (4 arrays)	42 C	<a href="#">AAH-CYT-3-4</a>
<input type="checkbox"/>	Array 3 (8 arrays)	42 C	<a href="#">AAH-CYT-3-8</a>
<input type="checkbox"/>	Array 4 (4 arrays)	36 C	<a href="#">AAH-CYT-4-4</a>
<input type="checkbox"/>	Array 4 (8 arrays)	36 C	<a href="#">AAH-CYT-4-8</a>
<input type="checkbox"/>	Array 5 (2 arrays)	80 P	<a href="#">AAH-CYT-5-2</a>
<input type="checkbox"/>	Array 5 (4 arrays)	80 P	<a href="#">AAH-CYT-5-4</a>
<input type="checkbox"/>	Array 5 (8 arrays)	80 P	<a href="#">AAH-CYT-5-8</a>
<input type="checkbox"/>	Array 6 (2 arrays)	60 P	<a href="#">AAH-CYT-6-2</a>
<input type="checkbox"/>	Array 6 (4 arrays)	60 P	<a href="#">AAH-CYT-6-4</a>
<input type="checkbox"/>	Array 6 (8 arrays)	60 P	<a href="#">AAH-CYT-6-8</a>
<input type="checkbox"/>	Array 7 (2 arrays)	60 P	<a href="#">AAH-CYT-7-2</a>
<input type="checkbox"/>	Array 7 (4 arrays)	60 P	<a href="#">AAH-CYT-7-4</a>
<input type="checkbox"/>	Array 7 (8 arrays)	60 P	<a href="#">AAH-CYT-7-8</a>
<input type="checkbox"/>	Array 8 (2 arrays)	54 P	<a href="#">AAH-CYT-8-2</a>
<input type="checkbox"/>	Array 8 (4 arrays)	54 P	<a href="#">AAH-CYT-8-4</a>
<input type="checkbox"/>	Array 8 (8 arrays)	54 P	<a href="#">AAH-CYT-8-8</a>
<input type="checkbox"/>	Array C Series 1000 (2 arrays)	120 P	<a href="#">AAH-CYT-1000-2</a>
<input type="checkbox"/>	Array C Series 1000 (4 arrays)	120 P	<a href="#">AAH-CYT-1000-4</a>
<input type="checkbox"/>	Array C Series 1000 (8 arrays)	120 P	<a href="#">AAH-CYT-1000-8</a>
<input type="checkbox"/>	Array C Series 2000 (2 arrays)	174 P	<a href="#">AAH-CYT-2000-2</a>
<input type="checkbox"/>	Array C Series 2000 (4 arrays)	174 P	<a href="#">AAH-CYT-2000-4</a>
<input type="checkbox"/>	Array C Series 2000 (8 arrays)	174 P	<a href="#">AAH-CYT-2000-8</a>

#### Human Cytokine Antibody Arrays—Glass Slide

Qty	Product	Detects <sup>2</sup>	Cat No <sup>3</sup>
<input type="checkbox"/>	Array G Series 3 (4 arrays)	42 C	<a href="#">AAH-CYT-G3-4</a>
<input type="checkbox"/>	Array G Series 3 (8 arrays)	42 C	<a href="#">AAH-CYT-G3-8</a>
<input type="checkbox"/>	Array G Series 5 (4 arrays)	80 C	<a href="#">AAH-CYT-G5-4</a>
<input type="checkbox"/>	Array G Series 5 (8 arrays)	80 C	<a href="#">AAH-CYT-G5-8</a>
<input type="checkbox"/>	Array G Series 6 (4 arrays)	60 C	<a href="#">AAH-CYT-G6-4</a>
<input type="checkbox"/>	Array G Series 6 (8 arrays)	60 C	<a href="#">AAH-CYT-G6-8</a>
<input type="checkbox"/>	Array G Series 7 (4 arrays)	60 C	<a href="#">AAH-CYT-G7-4</a>
<input type="checkbox"/>	Array G Series 7 (8 arrays)	60 C	<a href="#">AAH-CYT-G7-8</a>
<input type="checkbox"/>	Array G Series 8 (4 arrays)	54 C	<a href="#">AAH-CYT-G8-4</a>
<input type="checkbox"/>	Array G Series 8 (8 arrays)	54 C	<a href="#">AAH-CYT-G8-8</a>
<input type="checkbox"/>	Array G Series 1000 (4 arrays)	120 C	<a href="#">AAH-CYT-G1000-4</a>
<input type="checkbox"/>	Array G Series 1000 (8 arrays)	120 C	<a href="#">AAH-CYT-G1000-8</a>
<input type="checkbox"/>	Array G Series 2000 (4 arrays)	174 C	<a href="#">AAH-CYT-G2000-4</a>
<input type="checkbox"/>	Array G Series 2000 (8 arrays)	174 C	<a href="#">AAH-CYT-G2000-8</a>

#### Human Growth Factor Antibody Arrays—Glass Slide

Qty	Product	Detects <sup>2</sup>	Cat No <sup>3</sup>
<input type="checkbox"/>	Array G Series 1 (4 arrays)	41 GF	<a href="#">AAH-GF-G1-4</a>
<input type="checkbox"/>	Array G Series 1 (8 arrays)	41 GF	<a href="#">AAH-GF-G1-8</a>

#### Human Angiogenesis Antibody Arrays—Glass Slide

Qty	Product	Detects <sup>2</sup>	Cat No <sup>3</sup>
<input type="checkbox"/>	Array G Series 1 (4 arrays)	20 AF	<a href="#">AAH-ANG-G1-4</a>
<input type="checkbox"/>	Array G Series 1 (8 arrays)	20 AF	<a href="#">AAH-ANG-G1-8</a>
<input type="checkbox"/>	Array G Series 2 (4 arrays)	23 AF	<a href="#">AAH-ANG-G2-4</a>
<input type="checkbox"/>	Array G Series 2 (8 arrays)	23 AF	<a href="#">AAH-ANG-G2-8</a>
<input type="checkbox"/>	Array G Series 1000 (4 arrays)	43 AF	<a href="#">AAH-ANG-G1000-4</a>
<input type="checkbox"/>	Array G Series 1000 (8 arrays)	43 AF	<a href="#">AAH-ANG-G1000-8</a>

1. Product: Each array is delivered on a separate membrane
2. Detects: C = Cytokines P = Proteins GF = Growth factors  
AF = Angiogenesis factors
3. Cat No: Click specific Cat No to view User Manual, which includes a specific list of detected cytokines, proteins, growth factors, or angiogenesis factors

[Next Page](#)

[Back to Order Form](#)



For more information or to place an order, contact SeraCare customer service at 800.676.1881, or visit our eCatalog at [www.seracarecatalog.com](http://www.seracarecatalog.com)

### View and Order Products

#### ■ Mouse Cytokine Antibody Arrays—Membrane

Qty	Product <sup>1</sup>	Detects <sup>2</sup>	Cat No <sup>3</sup>
<input type="checkbox"/>	Array 1 (2 arrays)	22 C	<a href="#">AAM-CYT-1-2</a>
<input type="checkbox"/>	Array 1 (4 arrays)	22 C	<a href="#">AAM-CYT-1-4</a>
<input type="checkbox"/>	Array 1 (8 arrays)	22 C	<a href="#">AAM-CYT-1-8</a>
<input type="checkbox"/>	Array 2 (2 arrays)	32 C	<a href="#">AAM-CYT-2-2</a>
<input type="checkbox"/>	Array 2 (4 arrays)	32 C	<a href="#">AAM-CYT-2-4</a>
<input type="checkbox"/>	Array 2 (8 arrays)	32 C	<a href="#">AAM-CYT-2-8</a>
<input type="checkbox"/>	Array 3 (2 arrays)	62 C	<a href="#">AAM-CYT-3-2</a>
<input type="checkbox"/>	Array 3 (4 arrays)	62 C	<a href="#">AAM-CYT-3-4</a>
<input type="checkbox"/>	Array 3 (8 arrays)	62 C	<a href="#">AAM-CYT-3-8</a>
<input type="checkbox"/>	Array 4 (2 arrays)	34 C	<a href="#">AAM-CYT-4-2</a>
<input type="checkbox"/>	Array 4 (4 arrays)	34 C	<a href="#">AAM-CYT-4-4</a>
<input type="checkbox"/>	Array 4 (8 arrays)	34 C	<a href="#">AAM-CYT-4-8</a>
<input type="checkbox"/>	Array 5 (2 arrays)	48 C	<a href="#">AAM-CYT-5-2</a>
<input type="checkbox"/>	Array 5 (4 arrays)	48 C	<a href="#">AAM-CYT-5-4</a>
<input type="checkbox"/>	Array 5 (8 arrays)	48 C	<a href="#">AAM-CYT-5-8</a>
<input type="checkbox"/>	Array C Series 1000 (2 arrays)	96 C	<a href="#">AAM-CYT-1000-2</a>
<input type="checkbox"/>	Array C Series 1000 (4 arrays)	96 C	<a href="#">AAM-CYT-1000-4</a>
<input type="checkbox"/>	Array C Series 1000 (8 arrays)	96 C	<a href="#">AAM-CYT-1000-8</a>
<input type="checkbox"/>	Array C Series 2000— (2 membranes for 2 samples)	144 C	<a href="#">AAM-CYT-2000-2</a>
<input type="checkbox"/>	Array C Series 2000— (4 membranes for 4 samples)	144 C	<a href="#">AAM-CYT-2000-4</a>
<input type="checkbox"/>	Array C Series 2000— (8 membranes for 8 samples)	144 C	<a href="#">AAM-CYT-2000-8</a>

#### ■ Mouse Cytokine Antibody Arrays—Glass Slide

Qty	Product	Detects <sup>2</sup>	Cat No <sup>3</sup>
<input type="checkbox"/>	Array G Series 2 (4 arrays)	32 C	<a href="#">AAM-CYT-G2-4</a>
<input type="checkbox"/>	Array G Series 2 (8 arrays)	32 C	<a href="#">AAM-CYT-G2-8</a>

<input type="checkbox"/>	Array G Series 3 (8 arrays)	62 C	<a href="#">AAM-CYT-G3-4</a>
<input type="checkbox"/>	Array G Series 3 (4 arrays)	62 C	<a href="#">AAM-CYT-G3-8</a>
<input type="checkbox"/>	Array G Series 4 (8 arrays)	34 C	<a href="#">AAM-CYT-G4-4</a>
<input type="checkbox"/>	Array G Series 4 (4 arrays)	34 C	<a href="#">AAM-CYT-G4-8</a>
<input type="checkbox"/>	Array G Series 5 (4 arrays)	48 C	<a href="#">AAM-CYT-G5-4</a>
<input type="checkbox"/>	Array G Series 5 (8 arrays)	48 C	<a href="#">AAM-CYT-G5-8</a>
<input type="checkbox"/>	Array G Series 2000 (4 arrays)	96 C	<a href="#">AAM-CYT-G2000-4</a>
<input type="checkbox"/>	Array G Series 2000 (8 arrays)	96 C	<a href="#">AAM-CYT-G2000-8</a>

#### ■ Mouse Inflammation Antibody Arrays—Glass Slide

Qty	Product	Detects <sup>2</sup>	Cat No <sup>3</sup>
<input type="checkbox"/>	Array G Series 1 (4 arrays)	40 IF	<a href="#">AAM-INF-G1-4</a>
<input type="checkbox"/>	Array G Series 1 (8 arrays)	40 IF	<a href="#">AAM-INF-G1-8</a>
<input type="checkbox"/>	Array G Series 1000 (8 array sets)	96 IF	<a href="#">AAM-INF-G1000-4</a>
<input type="checkbox"/>	Array G Series 1000 (4 array sets)	96 IF	<a href="#">AAM-INF-G1000-8</a>

#### ■ Rat Cytokine Antibody Arrays—Membrane

Qty	Product <sup>1</sup>	Detects <sup>2</sup>	Cat No <sup>3</sup>
<input type="checkbox"/>	Array 1 (4 arrays)	19 C	<a href="#">AAR-CYT-1-4</a>
<input type="checkbox"/>	Array 1 (8 arrays)	19 C	<a href="#">AAR-CYT-1-8</a>
<input type="checkbox"/>	Array 2 (4 arrays)	34 C	<a href="#">AAR-CYT-2-4</a>
<input type="checkbox"/>	Array 2 (8 arrays)	34 C	<a href="#">AAR-CYT-2-8</a>

#### ■ Rat Cytokine Antibody Arrays—Glass Slide

Qty	Product	Detects <sup>2</sup>	Cat No <sup>3</sup>
<input type="checkbox"/>	Array G Series 1 (4 arrays)	19 C	<a href="#">AAR-CYT-G1-4</a>
<input type="checkbox"/>	Array G Series 1 (8 arrays)	19 C	<a href="#">AAR-CYT-G1-8</a>
<input type="checkbox"/>	Array G Series 2 (4 arrays)	34 C	<a href="#">AAR-CYT-G2-4</a>
<input type="checkbox"/>	Array G Series 2 (8 arrays)	34 C	<a href="#">AAR-CYT-G2-8</a>

1. Product: Each array is delivered on a separate membrane
2. Detects: C = Cytokines IF = Inflammation factors
3. Cat No: Click specific Cat No to view User Manual, which includes a specific list of detected cytokines or inflammation factors

[Previous Page](#)

[Back to Order Form](#)



For more information or to place an order, contact SeraCare customer service at 800.676.1881, or visit our eCatalog at [www.seracarecatalog.com](http://www.seracarecatalog.com)