

Quantibody®—Quantitative Antibody Arrays Human, Mouse, and Rat

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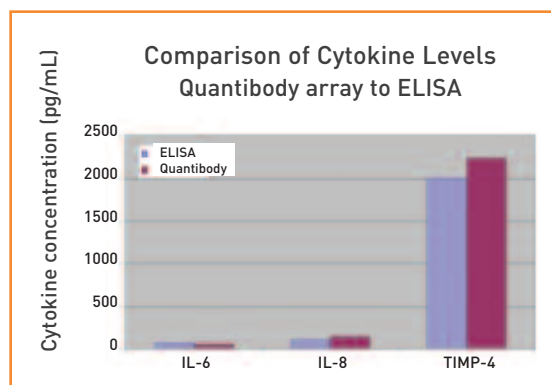
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Our Quantibody arrays are cutting edge discovery tools, delivering the potential for one technician to process hundreds of samples per day

These RayBiotech products, distributed by SeraCare, save significant time and cost compared to traditional ELISA, and generate up to 48 times more data

Product Features

- Multiple cytokine-specific capture antibodies are arrayed on a glass slide
 - Measure up to 40 cytokine levels in one experiment
 - Quantification of your sample is achieved by simultaneous assay with cytokines of predetermined concentration
- Similar or better sensitivity than ELISA (see chart)
- Cost effective, accurate, and reproducible
- Requires as little as 50 μ L of sample
- Compatible with many sample types
 - Including serum, plasma, conditioned media, cell lysates, and a wide range of body fluids
- Fluorescent detection method produces a wide dynamic range
 - Two orders higher than chemiluminescence
 - Enables discrete levels of specific cytokines to be measured



IL-6, IL-8, and TIMP-4 cytokine levels in a human cerebrospinal fluid sample were determined by ELISA and by Quantibody. Results were comparable, as shown in the chart above, demonstrating the validity of the Quantibody array

The Quantibody array is a multiplex, sandwich ELISA system combining the advantages of ELISA high-detection sensitivity and the high throughput capability of an array format

Developed by RayBiotech
Distributed by SeraCare

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Typical Applications

- Identifying and validating potential molecular targets for drug development
- Identifying and validating crucial factors in disease processes
- Screening biomarkers for disease management

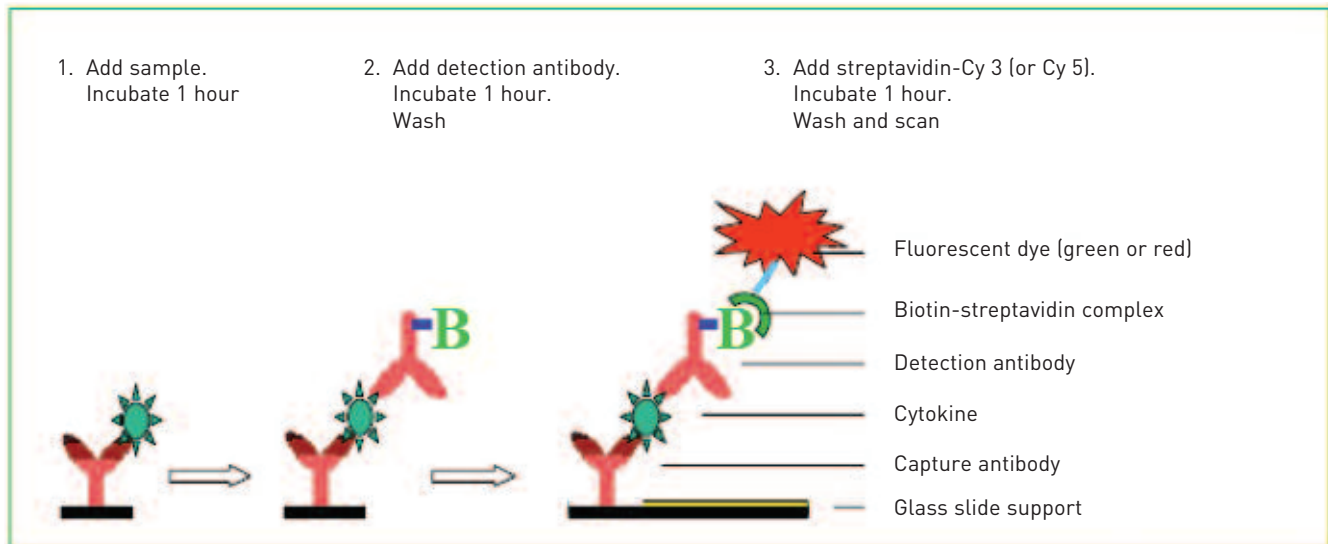
Related Products and Services

Protein Arrays | Tissue MicroArrays | ELISA Kits | Custom Arrays | Testing Services



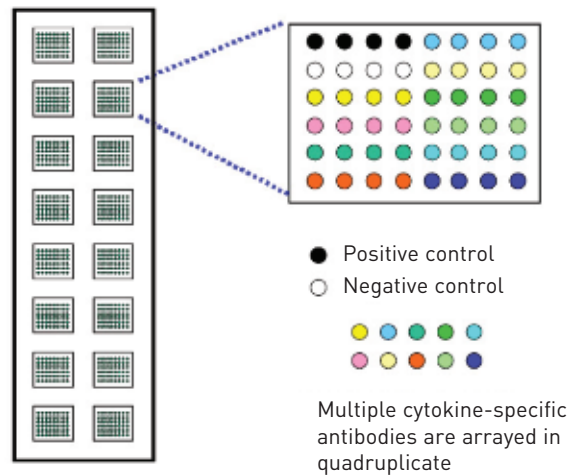
Quality is in our blood

How Quantibody Antibody Arrays Work



Kit Content

- Quantibody array glass slide (with 16-well removable gasket)
- Sample diluent
- 20X Wash buffer I and 20X wash buffer II
- Lyophilized cytokine standard mix
- Detection antibody cocktail
- Cy 3 Fluor 555-conjugated streptavidin
- Slide washer/dryer
- Adhesive device sealer
- User manual



Custom Requirements

- Use the Order Form to specify your needs for custom arrays, testing services, or software analysis tools
- For robotic arrayer use, four modules can be nested in a tray and 64 arrays processed simultaneously

Order Form

Human Quantibody Arrays

Product Description. Multiplex, sandwich ELISA consists of a glass slide in a slide holder, spotted with 16 wells of identical cytokine antibody array. Each antibody, along with positive and negative control, is arrayed in quadruplicate. Four slide holders can be nested in a tray, for use with a robotic arrayer

Sample Types. Serum, plasma, conditioned media, cell lysates, body fluids

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Mouse Quantibody Arrays

Product Description. Multiplex, sandwich ELISA consists of a glass slide in a slide holder, spotted with 16 wells of identical cytokine antibody array. Each antibody, along with positive and negative control, is arrayed in quadruplicate. Four slide holders can be nested in a tray, for use with a robotic arrayer

Sample Types. Serum, plasma, conditioned media, cell lysates, body fluids

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Rat Quantibody Arrays

Product Description. Multiplex, sandwich ELISA consists of a glass slide in a slide holder, spotted with 16 wells of identical cytokine antibody array. Each antibody, along with positive and negative control, is arrayed in quadruplicate. Four slide holders can be nested in a tray, for use with a robotic arrayer

Sample Types. Serum, plasma, conditioned media, cell lysates, body fluids

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Custom Products, Analysis Tools, and Testing Services

- Contact me about custom-built arrays (choose from dozens of cytokines)
- Contact me about testing my samples in your lab
- 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 Quantibody 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

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Human Quantibody Arrays

Qty	Product ¹	Detects ²	Cat No ³	Qty	Product ¹	Detects ²	Cat No ³
<input type="checkbox"/>	Adipokine Array 1 (1 slide)	10 AD	QAH-ADI-1-1	<input type="checkbox"/>	Cytokine Antibody Array 1000 (2 slides)	80 C	QAH-CAA-1000
<input type="checkbox"/>	Adipokine Array 1 (2 slides)	10 AD	QAH-ADI-1-2	<input type="checkbox"/>	Cytokine Antibody Array 2000 (3 slides) ⁴	120	QAH-CAA-2000
<input type="checkbox"/>	Adipokine Array 1 (4 slides)	10 AD	QAH-ADI-1-4	<input type="checkbox"/>	Chemokine Array 1 (1 slide)	40 CH	QAH-CHE-1-1
<input type="checkbox"/>	Adipokine Array 2 (1 slide)	4 AD	QAH-ADI-2-1	<input type="checkbox"/>	Chemokine Array 1 (2 slides)	40 CH	QAH-CHE-1-2
<input type="checkbox"/>	Adipokine Array 2 (2 slides)	4 AD	QAH-ADI-2-2	<input type="checkbox"/>	Chemokine Array 1 (4 slides)	40 CH	QAH-CHE-1-4
<input type="checkbox"/>	Adipokine Array 2 (4 slides)	4 AD	QAH-ADI-2-4	<input type="checkbox"/>	Growth Factor Array 1 (1 slide)	40 GF	QAH-GF-1-1
<input type="checkbox"/>	Angiogenesis Array 1 (1 slide)	10 AF	QAH-ANG-1-1	<input type="checkbox"/>	Growth Factor Array 1 (2 slides)	40 GF	QAH-GF-1-2
<input type="checkbox"/>	Angiogenesis Array 1 (2 slides)	10 AF	QAH-ANG-1-2	<input type="checkbox"/>	Growth Factor Array 1 (4 slides)	40 GF	QAH-GF-1-4
<input type="checkbox"/>	Angiogenesis Array 1 (4 slides)	10 AF	QAH-ANG-1-4	<input type="checkbox"/>	Inflammation Array 1 (1 slide)	10 IF	QAH-INF-1-1
<input type="checkbox"/>	Angiogenesis Array 2 (1 slide)	30 AF	QAH-ANG-2-1	<input type="checkbox"/>	Inflammation Array 1 (2 slides)	10 IF	QAH-INF-1-2
<input type="checkbox"/>	Angiogenesis Array 2 (2 slides)	30 AF	QAH-ANG-2-2	<input type="checkbox"/>	Inflammation Array 1 (4 slides)	10 IF	QAH-INF-1-4
<input type="checkbox"/>	Angiogenesis Array 2 (4 slides)	30 AF	QAH-ANG-2-4	<input type="checkbox"/>	Inflammation Array 2 (1 slide)	10 IF	QAH-INF-2-1
<input type="checkbox"/>	Angiogenesis Array 3 (1 slide)	30 AF	QAH-ANG-3-1	<input type="checkbox"/>	Inflammation Array 2 (2 slides)	10 IF	QAH-INF-2-2
<input type="checkbox"/>	Angiogenesis Array 3 (2 slides)	30 AF	QAH-ANG-3-2	<input type="checkbox"/>	Inflammation Array 2 (4 slides)	10 IF	QAH-INF-2-4
<input type="checkbox"/>	Angiogenesis Array 3 (4 slides)	30 AF	QAH-ANG-3-4	<input type="checkbox"/>	Inflammation Array 3 (1 slide)	40 IF	QAH-INF-3-1
<input type="checkbox"/>	Angiogenesis Array 1000 (1 slide)	60 AF	QAH-ANG-1000	<input type="checkbox"/>	Inflammation Array 3 (2 slides)	40 IF	QAH-INF-3-2
<input type="checkbox"/>	Cytokine Antibody Array 1 (1 slide)	20 C	QAH-CYT-1-1	<input type="checkbox"/>	Inflammation Array 3 (4 slides)	40 IF	QAH-INF-3-4
<input type="checkbox"/>	Cytokine Antibody Array 1 (2 slides)	20 C	QAH-CYT-1-2	<input type="checkbox"/>	Ig Isotype Array 1 (1 slide)	8 IG	QAH-ISO-1-1
<input type="checkbox"/>	Cytokine Antibody Array 1 (4 slides)	20 C	QAH-CYT-1-4	<input type="checkbox"/>	Ig Isotype Array 1 (2 slides)	8 IG	QAH-ISO-1-2
<input type="checkbox"/>	Cytokine Antibody Array 2 (1 slide)	20 C	QAH-CYT-2-1	<input type="checkbox"/>	Ig Isotype Array 1 (4 slides)	8 IG	QAH-ISO-1-4
<input type="checkbox"/>	Cytokine Antibody Array 2 (2 slides)	20 C	QAH-CYT-2-2	<input type="checkbox"/>	MMP Array 1 (1 slide)	10 MMP	QAH-MMP-1-1
<input type="checkbox"/>	Cytokine Antibody Array 2 (4 slides)	20 C	QAH-CYT-2-4	<input type="checkbox"/>	MMP Array 1 (2 slides)	10 MMP	QAH-MMP-1-2
				<input type="checkbox"/>	MMP Array 1 (4 slides)	10 MMP	QAH-MMP-1-4
				<input type="checkbox"/>	Th1/Th2 Array 1 (1 slide)	10 TH	QAH-TH-1-1
				<input type="checkbox"/>	Th1/Th2 Array 1 (2 slides)	10 TH	QAH-TH-1-2
				<input type="checkbox"/>	Th1/Th2 Array 1 (4 slides)	10 TH	QAH-TH-1-4

1. Product: 1 slide = 16 arrays, 2 slides = 32 arrays, 4 slides = 64 arrays

2. Detects: AD = Adipokines AF = Angiogenesis factors C = Cytokines
 CH = Chemokines GF = Growth factors IF = Inflammation factors
 IG = Ig Isotypes MMP = Matrix Metalloproteinases
 TH = Th1/Th2 Transcription factors

3. Cat No: Click specific Cat No to view User Manual, which includes a specific list of what is detected by the array

4. Cytokine Antibody Array 2000 is a combination of Inflammation Array 3, Growth Factor Array 1 and Chemokine Array 1. Detects 120 cytokines, chemokines, growth factors, and other cellular factors

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■ Mouse Quantibody Arrays

■ Rat Quantibody Arrays

Qty	Product ¹	Detects ²	Cat No ³
<input type="checkbox"/>	Cytokine Antibody Array 1 (1 slide)	20 C	QAM-CYT-1-1
<input type="checkbox"/>	Cytokine Antibody Array 1 (2 slides)	20 C	QAM-CYT-1-2
<input type="checkbox"/>	Cytokine Antibody Array 1 (4 slides)	20 C	QAM-CYT-1-4
<input type="checkbox"/>	Cytokine Antibody Array 2 (1 slide)	20 C	QAM-CYT-2-1
<input type="checkbox"/>	Cytokine Antibody Array 2 (2 slides)	20 C	QAM-CYT-2-2
<input type="checkbox"/>	Cytokine Antibody Array 2 (4 slides)	20 C	QAM-CYT-2-4
<input type="checkbox"/>	Cytokine Antibody Array 3 (1 slide)	20 C	QAM-CYT-3-1
<input type="checkbox"/>	Cytokine Antibody Array 3 (2 slides)	20 C	QAM-CYT-3-2
<input type="checkbox"/>	Cytokine Antibody Array 3 (4 slides)	20 C	QAM-CYT-3-4
<input type="checkbox"/>	Cytokine Antibody Array Q2000 (1 slide) ⁴	60 C	QAM-CYT-2000-1
<input type="checkbox"/>	Cytokine Antibody Array Q2000 (2 slides) ⁴	60 C	QAM-CYT-2000-2
<input type="checkbox"/>	Cytokine Antibody Array Q2000 (4 slides) ⁴	60 C	QAM-CYT-2000-4
<input type="checkbox"/>	Inflammation Array 1 (1 slide)	40 IF	QAM-INF-1-1
<input type="checkbox"/>	Inflammation Array 1 (2 slides)	40 IF	QAM-INF-1-2
<input type="checkbox"/>	Inflammation Array 1 (4 slides)	40 IF	QAM-INF-1-4
<input type="checkbox"/>	Interleukin Array 1 (1 slide)	20 IL	QAM-INT-1-1
<input type="checkbox"/>	Interleukin Array 1 (2 slides)	20 IL	QAM-INT-1-2
<input type="checkbox"/>	Interleukin Array 1 (4 slides)	20 IL	QAM-INT-1-4
<input type="checkbox"/>	Interleukin Array 2 (1 slide)	10 IL	QAM-INT-2-1
<input type="checkbox"/>	Interleukin Array 2 (2 slides)	10 IL	QAM-INT-2-2
<input type="checkbox"/>	Interleukin Array 2 (4 slides)	10 IL	QAM-INT-2-4
<input type="checkbox"/>	Interleukin Array 1000 (2 slides) ⁵	30 IL	QAM-INT-1000

Qty	Product ¹	Detects ²	Cat No ³
<input type="checkbox"/>	Cytokine Antibody Array 1 (1 slide)	10 C	QAR-CYT-1-1
<input type="checkbox"/>	Cytokine Antibody Array 1 (2 slides)	10 C	QAR-CYT-1-2
<input type="checkbox"/>	Cytokine Antibody Array 1 (4 slides)	10 C	QAR-CYT-1-4
<input type="checkbox"/>	Cytokine Antibody Array 2 (1 slide)	10 C	QAR-CYT-2-1
<input type="checkbox"/>	Cytokine Antibody Array 2 (2 slides)	10 C	QAR-CYT-2-2
<input type="checkbox"/>	Cytokine Antibody Array 2 (4 slides)	10 C	QAR-CYT-2-4
<input type="checkbox"/>	Inflammation Array 1 (1 slide)	10 IF	QAR-INF-1-1
<input type="checkbox"/>	Inflammation Array 1 (2 slides)	10 IF	QAR-INF-1-2
<input type="checkbox"/>	Inflammation Array 1 (4 slides)	10 IF	QAR-INF-1-4

1. Product: 1 slide = 16 arrays, 2 slides = 32 arrays, 4 slides = 64 arrays
2. Detects: C = Cytokines IF = Inflammation factors IL = Interleukin factors
3. Cat No: Click specific Cat No to view User Manual, which includes a specific list of what is detected
4. Cytokine Antibody Array Q2000 combines Cytokine Antibody Arrays 1, 2, and 3. Detects 60 cytokines
5. Interleukin Array 1000 combines Interleukin Arrays 1 and 2. Detects 30 interleukin factors

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