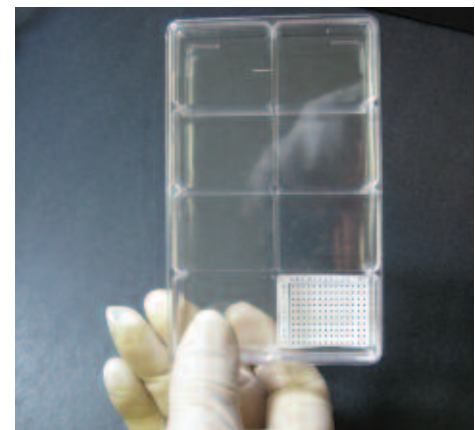


Our human and mouse protein arrays have broad applications for biomarker identification and characterization, and drug discovery

These RayBiotech products, distributed by SeraCare, simultaneously analyze the expression and function for dozens of proteins involved in inflammation, angiogenesis, apoptosis, cell growth, and signal transduction

Product Features

- A single array detects hundreds of protein expressions and protein modifications in your sample
- Highly specific, sensitive, and reliable
- Easy to use
- Compatible with almost any sample type and with most gene microarray scanners
- Full range of technical support and testing services



Our state-of-the-art protein arrays are recombinant or purified proteins, spotted in duplicate onto the surface of a glass chip

Developed by RayBiotech
Distributed by SeraCare

[Order Form](#)

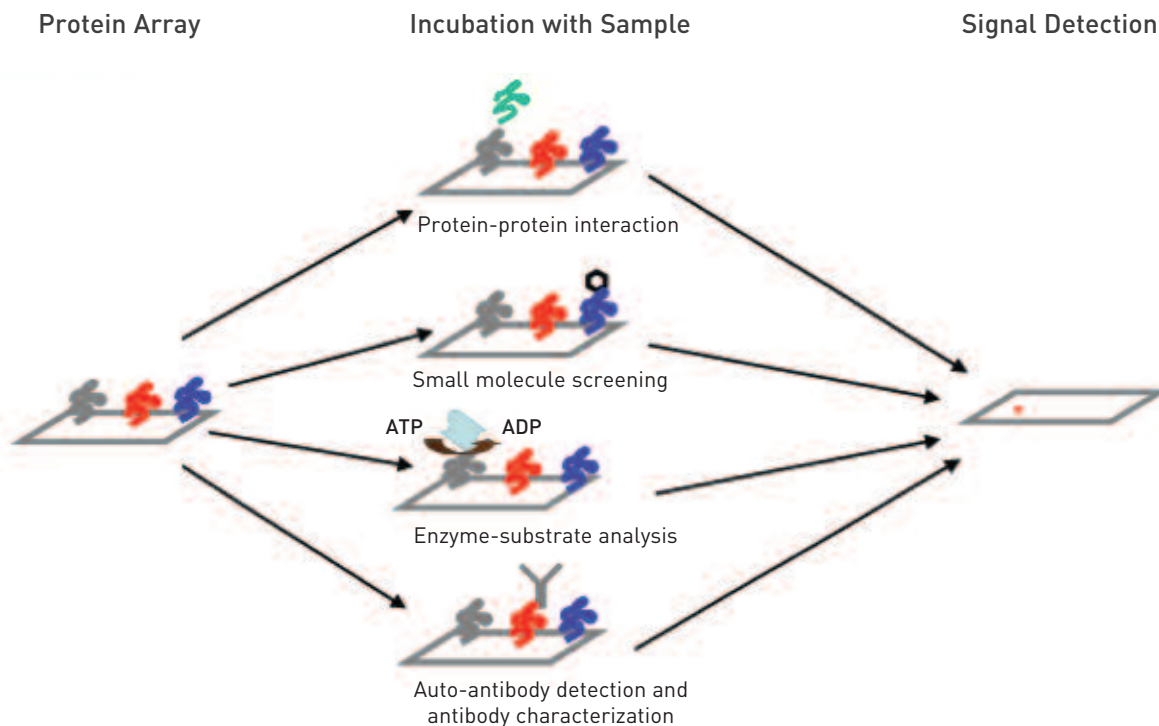
Typical Applications

- Detection of protein-protein interaction
- Monitoring of auto-antibody expression
- Characterization of antibody specificity
- Identification of protein modification
- Examination of protein and small molecule interaction

Related Products and Services

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

How Protein Arrays Work



Kit Content

For glass chip based protein arrays

- Human or mouse protein array chip (2, 4, or 8 arrays per slide)
- Biotin-conjugated anti-IgGs (anti-mouse, anti-rabbit, and anti-human)
- Blocking buffer
- 20x Wash buffer I and 20x Wash buffer II
- Cy3 Fluor 555-conjugated streptavidin
- Adhesive film
- Incubation chamber
- User manual

For membrane based protein arrays

- Human or mouse protein array chip (2, 4, or 8 arrays per slide)
- Biotin-conjugated anti-IgGs (anti-mouse, anti-rabbit, and anti-human)
- Blocking buffer
- 20x Wash buffer I and 20x Wash buffer II
- HRP-conjugated streptavidin
- Detection buffer C and Detection buffer D
- Eight-well tray
- User manual

Human Protein List – 234 total

1	4-IBBL	25	CCL21/6Ckine	51	Eotaxin-3	76	GRO-beta	104	IL-3	132	IL-28A/IFN-lambda	157	MIP-1β	181	PDGF AB	208	Tie-2
2	4-IBBR	26	CD14	52	ErbB3	77	GRO-gamma	105	IL-4	133	Insulin	158	MIP-1δ	182	PDGF BB	209	Timp-1
3	Acrp30	27	CD27	53	Erythropoietin R	78	HB-EGF	106	IL-5	134	Insulin Receptor	159	MIP-3α	183	PDGF R alpha	210	Timp-2
4	Activin A	28	CD30	54	E-selectin	79	HCC-4	107	IL-5 R alpha	135	IP-10	160	MIP-3β	184	PDGF R beta	211	Timp-3
5	ALCAM	29	CD40	55	Fas	80	HGF	108	IL-6	136	I-TAC	161	MMP-1	185	PECAM-1 (CD31)	212	Timp-4
6	Angiogenin	30	CD40 Ligand	56	Fas Ligand	81	HVEM	109	IL-6 sR	137	LAP	162	MMP-2	186	PF-4	213	TNF-α
7	Angiopoietin-1	31	CK beta 8-1/CCL23	57	Fc Gamma RII B/C (CD32b/c)	82	I-309	110	IL-7	138	Leptin (OB)	163	MMP-3	187	PIGF	214	TNF-β
8	Angiopoietin-2	32	CNTF	58	FGF-4	83	ICAM-1	111	IL-8	139	Leptin R	164	MMP-8	188	Prolactin	215	TNF-R I
9	Angiostatin	33	Complement Factor D	59	FGF-6	84	ICAM-2	112	IL-9	140	LIF	165	MMP-9	189	P-selectin	216	TNF-R II
10	AR (Amphiregulin)	34	C-peptide	60	FGF-7	85	ICAM-3	113	IL-9 R	141	Light	166	MMP-10	190	RAGE	217	TPO
11	ART	35	CTACK	61	FGF-9	86	IFN-gamma	114	IL-10	142	L-selectin	167	MMP-13	191	Rantes	218	TRAIL
12	Axl	36	CTLA-4	62	FGF-b	87	IGF-1R	115	IL-10 R alpha	143	Lymphotactin	168	MPIF-1	192	SAA	219	TRAIL R1
13	b NGF	37	CXCL-16	63	FIT-3 Ligand	88	IGFBP-1	116	IL-10 R beta	144	MCP-1	169	MSP	193	SCF	220	TRAIL R2
14	B7-1 (CD 80)	38	DAN	64	Follistatin	89	IGFBP-2	117	IL-11	145	MCP-2	170	NAP-2	194	SCF R	221	TRAIL R3
15	BCAM	39	DKK-1	65	Fractalkine	90	IGFBP-3	118	IL-12p40	146	MCP-3	171	NGF R	195	SDF-1alpha	222	TRAIL R4
16	BDNF	40	DKK-4	66	GCP-2	91	IGFBP-4	119	IL-12p70	147	MCP-4	172	NRG-1-beta1	196	SDF-1beta	223	TRANCE
17	BLC	41	DR 6	67	GCSF	92	IGFBP-6	120	IL-13	148	M-CSF	173	NT-3	197	Shh-N	224	TREM-1
18	BMP-4	42	Dtk	68	GDNF	93	IGF-I	121	IL-13 R alpha1	149	M-CSF R	174	NT-4	198	Siglec-5	225	TROY
19	BMP-5	43	E-Cadherin	69	GH	94	IGF-II	122	IL-13 R alpha2	150	MDC	175	OBS (Obstatin-C-terminus)	199	Siglec-9	226	u PAR
20	BMP-6	44	EGF	70	GITR	95	IL-1alpha	123	IL-15	151	MEC (CCL-28/VIC)	176	Oncostatin M (OSM)	200	ST2 (IL-1R4)	227	Ubiquitin+1
21	BMP-7	45	EGF-R	71	GITR Ligand	96	IL-1beta	124	IL-16	152	MICA	177	Osteoprotegerin (OPG)	201	TARC	228	VCAM-1
22	BTC	46	ENA-78	72	GLP-1 (Glucagon Like Peptide-1)	97	IL-1tra	125	IL-17	153	MICB	178	PARC	202	TECK	229	VE-Cadherin
23	Cardiotrophin-1 (CT-1)	47	Endoglin	73	GM-CSF	98	IL-1RI	126	IL-17B	154	MIF	179	P-Cadherin	203	TGF-alpha	230	VEGF
24	Cathepsin S	48	Endostatin	74	gp130	99	IL-1RII	127	IL-17C	155	MIG	180	PDGF AA	204	TGF-beta 1	231	VEGF R2
		49	Eotaxin	75	GRO-alpha	100	IL-2	128	IL-18 BP alpha	156	MIP-1α			205	TGF-beta 2	232	VEGF R3
		50	Eotaxin-2	76	GRO-beta	101	IL-2R alpha	129	IL-18 R alpha					206	TGF-beta 3	233	VEGF-D
				77	GRO-gamma	102	IL-2R beta	130	IL-18 R beta					207	Tie-1	234	VEGI
				78	HB-EGF	103	IL-2R gamma	131	IL-21R								

Mouse Protein List – 116 total

1	6Ckine	13	Dipeptidyl Peptidase IV (DPPIV)	25	Fit-3 Ligand	39	IGFBP-5	52	IL-17E	66	I-TAC	80	MIP-1alpha	92	RANTES	105	TPO
2	AR (Amphiregulin)	14	DKK-1	26	Follistatin	40	IGFBP-6	53	IL-1alpha	67	KC	81	MIP-1gamma	93	Resistin	106	TRANCE
3	Axl	15	Dtk	27	Fractalkine	41	IGF-I	54	IL-1beta	68	Leptin	82	MIP-2	94	SCF	107	TREM-1/Fc Chimera
4	BLC	16	Endoglin/Fc Chimera	28	Galectin-3	42	IGF-II	55	IL-2	69	Leptin R	83	MIP-3alpha	95	SDF-1alpha	108	TROY
5	CD 30L	17	Eotaxin	29	GCSF	43	IL-10	56	IL-20	70	LIX	84	MIP-3beta	96	Shh-N	109	TSLP
6	CD 30T	18	Eotaxin-2	30	GITR	44	IL-10sR	57	IL-21	71	L-Selectin	85	MMP-2	97	TARC	110	TWEAK
7	CD 40	19	Epigen	31	GM-CSF	45	IL-11	58	IL-28/IFN-gamma	72	Lungkine	86	MMP-3	98	TCA-3	111	VCAM-1
8	CD27 Ligand	20	Epieregulin	32	HGF-A	46	IL-12 (IL-12p70)	59	IL-3	73	Lymphotactin	87	MMP-9	99	TECK	112	VEGF
9	CRG-2	21	E-Selectin	33	HGF-R	47	IL-12P40	60	IL-3Rbeta	74	MADCAM-1	88	Osteopontin (OPN)	100	Thymnsck-1 (TCK-1)	113	VEGF D
10	CT-1	22	Fas	34	ICAM-1	48	IL-13	61	IL-4	75	MCP-1	89	Osteopro-tegerin (OPG)	101	Timp-1	114	VEGF R1
11	CTACK	23	Fas-Ligand	35	ICAM-2	49	IL-15	62	IL-5	76	MCP-5	90	PF-4	102	TNF RI	115	VEGF R2
12	CXCL 16	24	Fcr RIIB	36	IFN-gamma	50	IL-17	63	IL-6	77	M-CSF	91	P-selectin	103	TNF RII	116	VEGF R3
				37	IGFBP-2	51	IL-17BR	64	IL-7	78	MDC			104	TNF-alpha		
				38	IGFBP-3	52		65	IL-9	79	MIG						

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Human Protein Arrays

Product Description. Arrays contain 234 human proteins for simultaneous detection of protein function

Protein List. Click here or see page 3

Sample Type. Protein, serum, cell lysate

Qty	Size/Format	Cat No ¹
<input type="checkbox"/>	2 subarrays on 1 glass chip	PAH-G1-2
<input type="checkbox"/>	4 subarrays on 2 glass chips	PAH-G1-4
<input type="checkbox"/>	8 subarrays on 4 glass chips	PAH-G1-8

Mouse Protein Arrays

Product Description. Arrays contain 116 mouse proteins for simultaneous detection of protein function

Protein List. Click here or see page 3

Sample Type. Protein, serum, cell lysate

Qty	Size/Format	Cat No ¹
<input type="checkbox"/>	2 subarrays on 1 glass chip	PAM-G1-2
<input type="checkbox"/>	4 subarrays on 2 glass chips	PAM-G1-4
<input type="checkbox"/>	8 subarrays on 4 glass chips	PAM-G1-8

Custom Products and Testing Services

- Contact me about custom-built arrays
- Contact me about testing my samples in your lab

1. Click specific Cat No to view User Manual

Detail of My Specific Need

Use the box below to communicate additional information about your specific protein 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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