

## RayBio® Human Cytokine Antibody G series 4000

Detect 274 Cytokines, Chemokines and Growth Factors in One Experiment \*  
(combination of G Series 6, 7, 8, 9 and 10)

### RayBio® Human Cytokine Antibody G Series 6

	a	b	c	d	e	f	g	h	i	j	k	l	m	n
1	POS 1	POS 2	POS 3	NEG	NEG	Angiogenin	BDNF	BLC	BMP-4	BMP-6	CK b 8-1	CNTF	EGF	Eotaxin
2	POS 1	POS 2	POS 3	NEG	NEG	Angiogenin	BDNF	BLC	BMP-4	BMP-6	CK b 8-1	CNTF	EGF	Eotaxin
3	Eotaxin-2	Eotaxin-3	FGF-6	FGF-7	Fit-3 Ligand	Fractalkine	GCP-2	GDNF	GM-CSF	I-309	IFN-gamma	IGFBP-1	IGFBP-2	IGFBP-4
4	Eotaxin-2	Eotaxin-3	FGF-6	FGF-7	Fit-3 Ligand	Fractalkine	GCP-2	GDNF	GM-CSF	I-309	IFN-gamma	IGFBP-1	IGFBP-2	IGFBP-4
5	IGF-1	IL-10	IL-13	IL-15	IL-16	IL-1alpha	IL-1beta	IL-1ra	IL-2	IL-3	IL-4	IL-5	IL-6	IL-7
6	IGF-1	IL-10	IL-13	IL-15	IL-16	IL-1alpha	IL-1beta	IL-1ra	IL-2	IL-3	IL-4	IL-5	IL-6	IL-7
7	Leptin	LIGHT	MCP-1	MCP-2	MCP-3	MCP-4	M-CSF	MDC	MIG	MIP-1delta	MIP-3alpha	NAP-2	NT-3	PARC
8	Leptin	LIGHT	MCP-1	MCP-2	MCP-3	MCP-4	M-CSF	MDC	MIG	MIP-1delta	MIP-3alpha	NAP-2	NT-3	PARC
9	PDGF-BB	RANTES	SCF	SDF-1	TARC	TGF-beta1	TGF-beta 3	TNF-alpha	TNF-beta	IC1	IC2	IC3	NEG	NEG
10	PDGF-BB	RANTES	SCF	SDF-1	TARC	TGF-beta1	TGF-beta 3	TNF-alpha	TNF-beta	IC1	IC2	IC3	NEG	NEG

### RayBio® Human Cytokine Antibody G Series 7

	a	b	c	d	e	f	g	h	i	j	k	l	m	n
1	POS 1	POS 2	POS 3	NEG	NEG	Acrrp30	AgRP	Angiopoietin-2	Amphiregulin	Axl	bFGF	b-NGF	BTC	CCL-28
2	POS 1	POS 2	POS 3	NEG	NEG	Acrrp30	AgRP	Angiopoietin-2	Amphiregulin	Axl	bFGF	b-NGF	BTC	CCL-28
3	CTACK	Dtk	EGF-R	ENA-78	Fas/TNFRSF6	FGF-4	FGF-9	GCSF	GITR-Ligand	GITR	GRO	GRO-alpha	HCC-4	HGF
4	CTACK	Dtk	EGF-R	ENA-78	Fas/TNFRSF6	FGF-4	FGF-9	GCSF	GITR-Ligand	GITR	GRO	GRO-alpha	HCC-4	HGF
5	ICAM-1	ICAM-3	IGFBP-3	IGFBP-6	IGF-1 SR	IL-1 R4/ST2	IL-1 RI	IL-11	IL-12 p40	IL-12 p70	IL-17	IL-2 Ralpha	IL-6 R	IL-8
6	ICAM-1	ICAM-3	IGFBP-3	IGFBP-6	IGF-1 SR	IL-1 R4/ST2	IL-1 RI	IL-11	IL-12 p40	IL-12 p70	IL-17	IL-2 Ralpha	IL-6 R	IL-8
7	I-TAC	Lymphotoctin	MIF	MIP-1alpha	MIP-1beta	MIP-3beta	MSP-alpha	NT-4	Osteoprotegerin	Oncostatin M	PIGF	sgp130	sTNF RII	sTNF-RI
8	I-TAC	Lymphotoctin	MIF	MIP-1alpha	MIP-1beta	MIP-3beta	MSP-alpha	NT-4	Osteoprotegerin	Oncostatin M	PIGF	sgp130	sTNF RII	sTNF-RI
9	TECK	TIMP-1	TIMP-2	Thrombopoietin	TRAIL R3	TRAIL R4	uPAR	VEGF	VEGF-D	IC 1	IC 2	IC 3	NEG	NEG
10	TECK	TIMP-1	TIMP-2	Thrombopoietin	TRAIL R3	TRAIL R4	uPAR	VEGF	VEGF-D	IC 1	IC 2	IC 3	NEG	NEG

### RayBio® Human Cytokine Antibody G Series 8

	a	b	c	d	e	f	g	h	i	j	k	l	m	n
1	POS 1	POS 2	POS 3	NEG	NEG	Activin A	ALCAM	B7-1(CD80)	BMP-5	BMP-7	Cardiotrophin-1	CD14	CXCL- 16	DR6 (TNFRSF21)
2	POS 1	POS 2	POS 3	NEG	NEG	Activin A	ALCAM	B7-1(CD80)	BMP-5	BMP-7	Cardiotrophin-1	CD14	CXCL- 16	DR6 (TNFRSF21)
3	Endoglin	ErbB3	E-Selectin	Fas Ligand	ICAM-2	IGF-II	IL-1 R II	IL-10 Rbeta	IL-13 Ralpha2	IL-18 BPalpha	IL-18 Rbeta	MMP-3	IL-2 Rbeta	IL-2 Rgamma
4	Endoglin	ErbB3	E-Selectin	Fas Ligand	ICAM-2	IGF-II	IL-1 R II	IL-10 Rbeta	IL-13 Ralpha2	IL-18 BPalpha	IL-18 Rbeta	MMP-3	IL-2 Rbeta	IL-2 Rgamma
5	IL-21R	IL-5 Ralpha	IL-9	IP-10	LAP	Leptin R	LIF	L-Selectin	M-CSF R	MMP-1	MMP-13	MMP-9	MPIF-1	NGF R
6	IL-21R	IL-5 Ralpha	IL-9	IP-10	LAP	Leptin R	LIF	L-Selectin	M-CSF R	MMP-1	MMP-13	MMP-9	MPIF-1	NGF R
7	PDGF AA	PDGF-AB	PDGF Ralpha	PDGF Rbeta	PECAM-1	Prolactin	SCF R	SDF-1beta	Siglec-5	TGF-alpha	TGF beta2	Tie-1	Tie-2	TIMP-4
8	PDGF AA	PDGF-AB	PDGF Ralpha	PDGF Rbeta	PECAM-1	Prolactin	SCF R	SDF-1beta	Siglec-5	TGF-alpha	TGF beta2	Tie-1	Tie-2	TIMP-4
9	VE-Cadherin	VEGF R2	VEGF R3	Neg	Neg	Neg	Neg	Neg	Neg	IC1	IC2	IC3	NEG	NEG
10	VE-Cadherin	VEGF R2	VEGF R3	Neg	Neg	Neg	Neg	Neg	Neg	IC1	IC2	IC3	NEG	NEG

### RayBio® Human Cytokine Antibody Array G series 9 (51)

	a	b	c	d	e	f	g	h	i	j	k	l
1	POS1	POS2	POS3	NEG	NEG	Adiposin	BCAM	CD30	CD40	Fcr RIIB/C	Ferritin	FLRG
2	POS1	POS2	POS3	NEG	NEG	Adiposin	BCAM	CD30	CD40	Fcr RIIB/C	Ferritin	FLRG
3	Follistatin	Furin	Galectin-7	GDF-15	Growth Hormon	IL-10 R alpha	IL-22	IL-28A	IL29	IL-31	Insulin	Luteinizing hormone
4	Follistatin	Furin	Galectin-7	GDF-15	Growth Hormon	IL-10 R alpha	IL-22	IL-28A	IL29	IL-31	Insulin	Luteinizing hormone
5	LIMPII	LYVE-1	Marapsin	MICA	MICB	MMP-2	MMP-7	MMP-8	MMP-10	NCAM-1	Nidogen-1	NrCAM
6	LIMPII	LYVE-1	Marapsin	MICA	MICB	MMP-2	MMP-7	MMP-8	MMP-10	NCAM-1	Nidogen-1	NrCAM
7	NRG1-beta1	Osteopontin	PAI-1	Platelet factor 4	PSA-total	RAGE	RANK	Resistin	SAA	Siglec-9	TACE	TIM-1
8	NRG1-beta1	Osteopontin	PAI-1	Platelet factor 4	PSA-total	RAGE	RANK	Resistin	SAA	Siglec-9	TACE	TIM-1
9	TRAIL R2	Trappin-2	TREM-1	TSH	TSLP	VCAM-1	VEGF-C	XEDAR	NEG	IC 1	IC 2	IC 3
10	TRAIL R2	Trappin-2	TREM-1	TSH	TSLP	VCAM-1	VEGF-C	XEDAR	NEG	IC 1	IC 2	IC 3

### RayBio® Human Cytokine Antibody Array G series 10 (49)

	a	b	c	d	e	f	g	h	i	j	k	l
1	POS1	POS2	POS3	NEG	NEG	4-1BB	ACE-2	Alpha-fetoprotein	Angiopoietin-1	Angiostatin	ANGPTL4	Bate2 M
2	POS1	POS2	POS3	NEG	NEG	4-1BB	ACE-2	Alpha-fetoprotein	Angiopoietin-1	Angiostatin	ANGPTL4	Bate2 M
3	BCMA	beta IG-H3	CA125	CA15-3	CA19-9	Carbonic Anhydrase IX	Cathepsin S	CCL14a	CCL21	CD23	CD40 Ligand	CEA
4	BCMA	beta IG-H3	CA125	CA15-3	CA19-9	Carbonic Anhydrase IX	Cathepsin S	CCL14a	CCL21	CD23	CD40 Ligand	CEA
5	CEACAM-1	Cripto-1	CRP	DAN	Decorin	DKK-1	DKK-3	DKK-4	DPPIV	E-Cadherin	EDA-A2	EG-VEGF
6	CEACAM-1	Cripto-1	CRP	DAN	Decorin	DKK-1	DKK-3	DKK-4	DPPIV	E-Cadherin	EDA-A2	EG-VEGF
7	EpCAM	ErbB2	Erythropoietin R	FSH	HB-EGF	hCGa, intact	HVEM	IL-13 R alpha1	IL-17B	IL-17C	IL-17F	IL-17R
8	EpCAM	ErbB2	Erythropoietin R	FSH	HB-EGF	hCGa, intact	HVEM	IL-13 R alpha1	IL-17B	IL-17C	IL-17F	IL-17R
9	Procalcitonin	PSA-free	S-100b	Shh N	Thyroglobulin	Ubiquitin+1	Blank	IC 1	IC 2	IC 3	NEG	NEG
10	Procalcitonin	PSA-free	S-100b	Shh N	Thyroglobulin	Ubiquitin+1	Blank	IC 1	IC 2	IC 3	NEG	NEG