

Quantitative Human Cytokine/Chemokine Array Service (antibody array and Luminex assay)

COST ESTIMATES

Sensitive and Multiplex Cytokine Assays from Picoimmune Co. (we offer 400, 600, 800-plex assays now)

Sample number	Chip array for human cytokines (glass slide-based)			Suspension array for human cytokines (Luminex based)		
	total cost	datapoint	cost per datapoint	total cost	datapoint	cost per datapoint
	20 plex			20 plex		
8	\$3,220	160	\$20.13	\$6,000	160	\$37.50
16	\$3,940	320	\$12.31	\$6,000	320	\$18.75
32	\$4,660	640	\$7.28	\$6,000	640	\$9.38
64	\$6,600	1280	\$5.16	\$6,000	1280	\$4.69
80	\$7,820	1600	\$4.89	\$6,000	1600	\$3.75
128	\$11,480	2560	\$4.48	\$10,000	2560	\$3.91
256	\$18,240	5120	\$3.56	\$17,000	5120	\$3.32
512	\$33,760	10240	\$3.30	\$28,500	10240	\$2.78
1024	\$63,800	20480	\$3.12	\$51,500	20480	\$2.51
	40 plex			40 plex		
8	\$3,950	320	\$12.34	\$9,500	320	\$29.69
16	\$5,150	640	\$8.05	\$9,500	640	\$14.84
32	\$6,350	1280	\$4.96	\$9,500	1280	\$7.42
64	\$9,500	2560	\$3.71	\$9,500	2560	\$3.71
80	\$11,200	3200	\$3.50	\$9,500	3200	\$2.97
128	\$16,800	5120	\$3.28	\$17,000	5120	\$3.32
256	\$27,400	10240	\$2.68	\$29,000	10240	\$2.83
512	\$51,600	20480	\$2.52	\$48,000	20480	\$2.34
1024	\$98,500	40960	\$2.40	\$88,000	40960	\$2.15
	200 plex			65 plex		
8	\$10,000	1600	\$5.94	\$13,200	520	\$25.38
16	\$16,500	3200	\$5.16	\$13,200	1040	\$12.69
32	\$24,000	6400	\$3.75	\$13,200	2080	\$6.35
64	\$38,000	12800	\$2.97	\$13,200	4160	\$3.17
80	\$46,500	16000	\$2.91	\$13,200	5200	\$2.54
128	\$69,000	25600	\$2.70	\$24,400	8320	\$2.93
256	\$122,500	51200	\$2.39	\$40,800	16640	\$2.45
512	\$241,000	102400	\$2.35	\$66,400	33280	\$2.00
1024	\$465,000	204800	\$2.27	\$122,600	66560	\$1.84

ANALYTES FOR ARRAYS

200-pex	200 human cytokines				
1	4-1BB	Endoglin	IL-10	LIMPII	RAGE
2	6CKine	Eotaxin	IL-10 Rb	Lipocalin-2	RANTES
3	Activin A	Eotaxin-2	IL-11	L-Selectin	Resistin
4	AgRP	Eotaxin-3	IL-12p40	Lymphotactin	SCF
5	ALCAM	EpCAM	IL-12p70	LYVE-1	SCF R
6	ANG	ErbB3	IL-13	MCP-1	SDF-1a
7	ANG-1	E-Selectin	IL-13 R1	MCP-2	SDF-1b
8	Angiostatin	Fas	IL-13 R2	MCP-3	sgp130
9	AR	FAS L	IL-15	MCP-4	Shh N
10	Axl	Fcr RIIB/C	IL-16	MCSF	Siglec-5
11	B7-1	FGF-4	IL-17	MCSF R	ST2
12	BCMA	FGF-7	IL-17B	MDC	TARC
13	BDNF	Flt-3L	IL-17F	MICA	TECK
14	bFGF	Follistatin	IL-17R	MICB	TGFa
15	BLC	Galectin-7	IL-18 BPa	MIF	TGFb1
16	BMP-4	GCP-2	IL-1a	MIG	TGF-b2
17	BMP-5	G-CSF	IL-1b	MIP-1a	TGFb3
18	BMP-7	GDF-15	IL-1ra	MIP-1b	Tie-2
19	b-NGF	GDNF	IL-2	MIP-1d	TIM-1
20	BTC	GH	IL-2 Ra	MIP-3a	TIMP-1
21	Catheprin S	GITR	IL-2 Rb	MIP-3b	TIMP-2
22	CCL28	GM-CSF	IL-2 Rg	MPIF-1	TNF RI
23	CD 40	GRO	IL-21R	MSPa	TNF RII
24	CD14	HB-EGF	IL-23	NAP-2	TNFa
25	CD30	HCC-1	IL-28A	NGF R	TNfb
26	CD40 L	HCC-4	IL-29	NrCAM	TPO
27	CEACAM-1	HGF	IL-31	NRG1-b1	TRAIL R3
28	Contactin-2	HVEM	IL-4	NT-3	TRAIL-R4
29	Cripto-1	I-309	IL-5	NT-4	Trappin-2
30	CTACK	ICAM-1	IL-6	OPG	TREM-1
31	CXCL16	ICAM-2	IL-6sR	OPN	TSLP
32	DAN	ICAM-3	IL-7	PAI-I	uPAR
33	DKK-1	IFNg	IL-8	PARC	VCAM-1
34	DR6	IGFBP-1	IL-9	PDGF Rb	VEGF
35	Dtk	IGFBP-2	Insulin	PDGF-AA	VEGF R1
36	E-Cadherin	IGFBP-3	IP-10	PDGF-AB	VEGF R2
37	EGF	IGFBP-4	I-TAC	PDGF-BB	VEGF R3
38	EGF R	IGFBP-6	LAP	PECAM-1	VEGF-C
39	EG-VEGF	IGF-I	LIF	PF4	VEGF-D
40	ENA-78	IL-1 RI	LIGHT	PIGF	XEDAR

NOTES

- Cytokines from various samples of following species can be assayed:

Human	Rhesus Monkey	Canine (dog)	Feline (cat)	Dolphin
Mouse	Rabbit	Equine (horse)	Gallus (chicken)	Bovine (cow)
Rat	Chicken	Porcine (pig)	Ovine (sheep)	

- Approximate volumes needed for each sample: 20-65 plex needs 100 µL; 200-plex needs 300 µL; 400-plex needs 500 µL (no replicate)
- The prices are for reference only and will be about 10% of ELISA.
- Please contact us to discuss pricing and sample volumes needed.
- For 400 or 600 plex assays, please contact us.
- Samples should be shipped and assayed in a batch (8 samples or more), not one by one.

CHIP-BASED ANTIBODY ARRAY VS LUMINEX BEAD-BASED ARRAY

