

# Quanterix SP-X™ Multiplex Biomarker Assay Menu

## Multiplex Planar Array Kits - Human

Assay	Analytes	LoD (pg/mL)	LoQ (pg/mL)	Dynamic Range (pg/mL)	Median Endogenous (pg/mL)	Sample Volume†	Sample Type††	Catalog Number
<b>CorPlex Cytokine Panel 1</b>	IFN- $\gamma$	0.011	0.195	0-200	0.77	12.5 $\mu$ L	E, S	85-0329
	IL-1 $\beta$	0.02	0.195	0-800	0.19			
	IL-4	0.014	0.098	0-400	0.08			
	IL-5	0.012	0.391	0-800	0.46			
	IL-6	0.038	0.445	0-456	5.18			
	IL-8	0.364	3.125	0-1,600	32.25			
	IL-10	0.032	0.195	0-800	2.11			
	IL-12p70	0.044	0.293	0-2,400	2.07			
	IL-22	0.01	0.156	0-400	1.66			
	TNF- $\alpha$	0.055	1.563	0-1,600	0.93			
<b>Chemokine Panel 1</b>	IP-10	0.19	0.58	0-300	108	25 $\mu$ L	E, S	88-5002
	ITAC	0.015	0.195	0-100	7.3			
	MCP-1	0.56	1.17	0-600	440.5			
	MIP-3b	0.005	0.78	0-400	66.3			
<b>Angiogenesis Factor Panel 1</b>	ANG-2	5.5	43.8	0-5,600	285	25 $\mu$ L	E, S	85-0004
	HBEGF	0.014	0.2	0-125	5.6			
	VEGF-C	23.3	52.1	0-16,000	253			
	PIGF	0.2	0.5	0-500	7.7			
	FGFb	0.9	2.6	0-2,000	ND			
	HGF	1	6.3	0-6,300	134			
<b>Biomarker Panel 1</b>	VEGF	1.6	3.7	0-3,900	14.9	25 $\mu$ L	E, S	85-0006
	ICAM-1	1.6	7.81	0-8,000	227,000			
	MPO	0.02	0.195	0-200	3,655			
	NGAL	0.28	2.44	0-2,500	4,777			
	RANTES / CCL5	0.09	7.81	0-800	3,617			
	TIMP-1	0.22	4.88	0-5,000	50,430			
<b>MMP Panel 1</b>	VCAM-1	12.5	97.6	0-100,000	944,500	25 $\mu$ L	E, S	85-0007
	MMP-3	3.9	9.76	0-10,000	16,680			
	MMP-9	15.52	48.8	0-50,000	100,550			

E = EDTA plasma, S = serum

## Multiplex Planar Array Kits – Other Species

Species	Assay	Analytes	Catalog Number
Mouse	Cytokine Panel 1	IFN- $\gamma$ , IL-1 $\beta$ , IL-2, IL-6, IL-10, IL-12p70, IL-17, TNF- $\alpha$	85-0008
Rat	Cytokine Panel 1	IFN- $\gamma$ , IL-1 $\beta$ , IL-2, IL-6, IL-10, KC, TNF- $\alpha$	85-0015
Rat	Chemokine Panel 1	MCP-1, MIP-1 $\alpha$ , MIP-2, MIP-3 $\alpha$	85-0016
NHP	Cytokine Panel 1	IFN- $\gamma$ , IL-1 $\beta$ , IL-6, IL-8, TNF- $\alpha$	85-0013

## Custom Planar Array Assays

Custom singleplex and multiplex assay development services are provided by the Simoa Accelerator Laboratory. The listing below is a subset of over 250 custom assays developed for the SP-X platform. Please contact your Quanterix representative or email [info@quanterix.com](mailto:info@quanterix.com) for to discuss custom assay development projects or sample testing services.

a2-Macroglobulin	EGF	I-309	IL-12p40	MIF	PAI-1 Active	TGFa
Acrp-30	EGFR	ICAM-1	IL-12p70	MIG	PAI-1 Total	TGFb1
Ang-1	ENA-78	IFNa	IL-13	MIP-1a	PAPP-A	TGFb2
Ang-2	Endoglin	IFNg	IL-15	MIP-1b	PD-1	Tie-2
Apo A-1	Eotaxin	IGFBP-1	IL-17A	MIP-3a	PD-L1	TIM-1
Apo B-100	Eotaxin 3	IGFBP-2	IL-17E	MIP-3b	PDGF-AA	TIMP-1
AR	ER (Epregrulin)	IGFBP-3	IL-18	MIP-4 (PARC)	PDGF-AB	TIMP-2
BAFF	ErbB2 (Her2)	IgE	IL-23	MMP-1	PDGF-BB	TNFa
BCA-1 (CXCL13)	E-Selectin	IL-1a	Insulin	MMP-2	PEDF	TNF-RI
b-NGF	FasL	IL-1b	IP-10	MMP-3	PLGF	TNF-RII
BDNF	FGF basic	IL-1ra	ITAC	MMP-7	Prolactin	TRAIL
BD-2	Fibrinogen	IL-2	KGF	MMP-8	P-Selectin	TSLP
BMP-9	Fibronectin	IL-2Ra	Leptin	MMP-9	RAGE	TSP-1
Cathepsin-D	G-CSF	IL-2Rg	LIF	MMP-10	RANK L	TSP-2
CD-14	GDNF	IL-3	L-Selectin	MMP-13	RANTES	TWEAK
CD40L	GM-CSF	IL-4	Lymphotoctin	MPO	RBP4	VCAM-1
Clusterin	gp130 (IL-6ST)	IL-5	MCP-1	NAP-2	Resistin	VEGF-A
CNTF	GROa	IL-6	MCP-2	NGAL	SAA	VEGF-C
COX-2	GROg	IL-6R	MCP-3	NT3	SCF	VEGF-D
C-peptide	HB-EGF	IL-7	MCP-4	NT-proBNP	SDF-1	VEGF-R1
CRP	HGF	IL-8	M-CSF	OPG	TARC	VEGF-R2
E-Cadherin	HGH	IL-10	MDC	OPN	TFF-3	VEGF-R3