

Luminex Analytes

Standard Luminex Assays (per-sample pricing, no minimum sample number): For human cytokines, we offer a 80-plex Luminex assay custom combination from EMD Millipore panels. We have compared this assay to our legacy 51-plex, for which we have extensive [performance data](#). For detection of mouse cytokines, we offer a 48-plex Luminex Procarta array by Thermo Fisher Scientific. Biomarkers in these arrays are displayed below.

Luminex Human 80 plex (EMD-Millipore)

H80-Panel 1/ human 48-plex

(HCYTA-60K-PX48)

EGF	IL-27
Eotaxin-1/CCL11	IL-3
FGF-2	IL-4
Flt-3 ligand	IL-5
Fractalkine/CX3CL1	IL-6
G-CSF	IL-7
GM-CSF	IL-8/CXCL8
GRO-alpha	IL-9
IFN-gamma	IP-10/CXCL10
IFN- α 2	M-CSF
IL-10	MCP-1/CCL2
IL-12 (p40)	MCP-3/CCL7
IL-12 (p70)	MDC (CCL22)
IL-13	MIG/CXCL9
IL-15	MIP-1 α /CCL3
IL-17A/CTLA-8	MIP-1 β /CCL4
IL-17E/IL-25	PDGF-AA
IL-17F	PDGF-AB/BB
IL-18	RANTES/CCL5
IL-1RA	sCD40L
IL-1 α	TGF α
IL-1 β	TNF- α
IL-2	TNF- β
IL-22	VEGF

H80 Panel-2 (HCP2MAG-62K-PX23)

6Ckine/CCL21/Exodus-2	IL-28A/IFN λ 2
BCA-1/CXCL13	IL-33/NF-HEV (mature)
CTACK/CCL27	LIF
ENA-78/CXCL5	MCP-2/CCL8
Eotaxin-2 /CCL24/MPIF-	
2	MCP-4/CCL13
Eotaxin-3/CCL26	MIP-1 δ /MIP-5/CCL15
I-309/CCL1	SCF
IL-16	SDF-1/CXCL12
IL-20	TARC/CCL17
IL-21	TPO
IL-23	TRAIL/TNFSF10
	TSLP

H80 Panel-3

sFAS / TNFRSF6	sICAM-1
sFasL	sVCAM-1
MIF	Leptin
PAI-1 (total)/Serpine-E	HGF
	Resistin

Mouse 48 Plex (Procarta)

BAFF	IFN-g	IL-1a	IL-2Ra	IL-7	M-CSF
BTC	IL-10	IL1-b	IL-3	IL-7Ra	MIP-1a
ENA-78	IL-12p70	IL-2	IL-31	IL-9	MIP-1b
Eotaxin	IL-13	IL-22	IL-33	IP-10	MIP-2
G-CSF	IL-15	IL-23	IL-33R	Leptin	RANKL
GM-CSF	IL-17A	IL-25	IL-4	LIF	RANTES
GRO-a	IL-18	IL-27	IL-5	MCP-1	TNF-a
IFN-a	IL-19	IL-28	IL-6	MCP-3	VEGF-A

Comment: We maintain inventory for the Human H80, Mouse 48, Human 48 plex. These assays are charged per sample (2 replicates) and include materials and tech labor.

For custom assays we charge: 1. For the “Materials” (full price for kit of choice) and, 2. Tech labor. Custom kit order is placed once we receive a service request in [iLab](#). For more information on custom orders and kit options please contact Holden Maecker: Immunoassay Manager @ maecker@stanford.edu.

Kit Options:**[Human 48 plex](#)****[CVD-1](#)****[CVD-2](#)****[CVD-3](#)****[CVD-4](#)****[Human immunoglobulin Isotyping Panel](#)****[Human Metabolic Hormone Panel:](#)****[Human Soluble Receptor 14 Plex](#)****[Human Immuno-Oncology Checkpoint Panel-1](#)****[Rat 27 plex cytokines](#)****[NHP](#)**

TGF-beta Multi species

For more options, please email maecker@stanford.edu