



## Our Off The Shelf 37-plex MSD Panel

Many diseases are characterized by inflammatory processes. Cytokines, as mediators of inflammation, may serve as biomarkers to characterize disease progression and therapy response. The 37-plex MSD panel is also relevant for cytokine release syndrome (CRS) safety assessment for CGT trials.

### 37-plex panel MSD (matrix : EDTA plasma / serum)

Proinflammatory	Chemokine	Cytokine	Angiogenesis	Vascular
TNF- $\alpha$	Eotaxin	GM-CSF	VEGF-A	SAA
IFN- $\gamma$	Eotaxin-3	IL-5	VEGF-D	CRP
IL-1 $\beta$	MIP-1 $\alpha$	IL-7	Tie-2	VAM-1
IL-2	MIP-1 $\beta$	IL-12/IL23p40	Flt-1	ICAM-1
IL-4	IP-10	IL-15	PlGF	
IL-6	MCP-1	IL-16	bFGF	
IL-8	MCP-4	IL-17A		
IL-10	MDC	TNF- $\beta$		
IL-12p70	TARC			
IL-13				