



Cerba Research

Off-the-Shelf

37-plex MSD Panel

Many diseases are driven by underlying inflammatory processes. Cytokines, as key mediators of inflammation, can serve as valuable pharmacodynamic (PD) biomarkers to characterize both disease progression and therapeutic response.

The 37-plex MSD cytokine panel is particularly relevant for assessing cytokine release syndrome (CRS) in cell and gene therapy (CGT) trials. CRS may include life-threatening or even fatal reactions following administration of investigational CGT products.



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

Proinflammatory	Chemokine	Cytokine	Angiogenesis	Vascular
TNF- α	Eotaxin	GM-CSF	VEGF-A	SAA
IFN- γ	Eotaxin-3	IL-5	VEGF-D	CRP
IL-1 β	MIP-1 α	IL-7	Tie-2	VAM-1
IL-2	MIP-1 β	IL-12/IL23p40	Flt-1	ICAM-1
IL-4	IP-10	IL-15	PlGF	
IL-6	MCP-1	IL-16	bFGF	
IL-8				
IL-10				
IL-12p70				
IL-13				