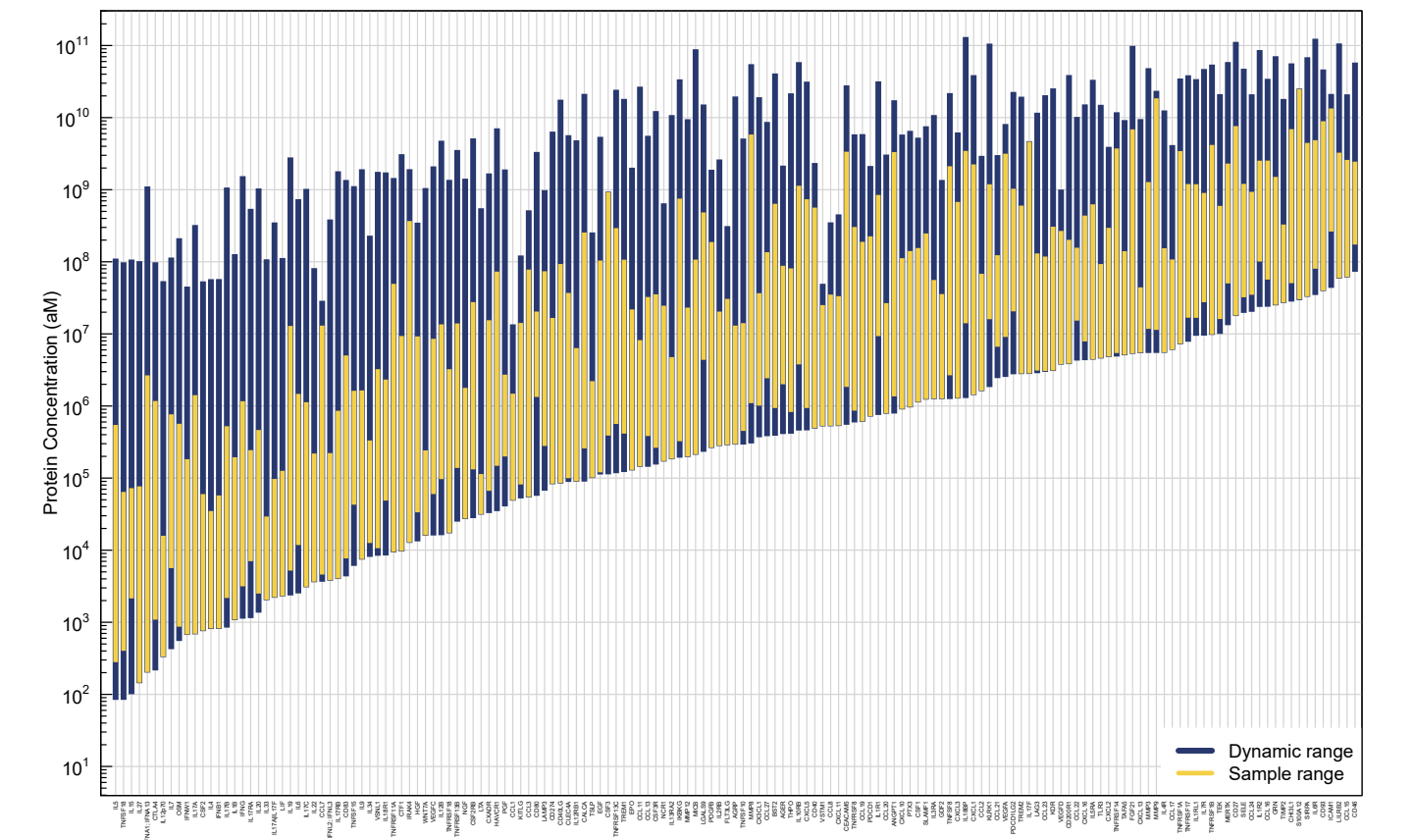


Multiplexed Protein Quantification with Unprecedented Precision

Inflammation plays a crucial role in the body’s immune response and chronic inflammation is implicated in the development of a multitude of diseases including cardiovascular disease, autoimmune disorders, neuro-degenerative disease, and certain cancers. Measuring cytokines and other markers of immune response is particularly important for understanding the underlying mechanisms of inflammatory processes, predicting disease progression, and developing targeted therapies.

Offering unparalleled coverage of the immune response, the NULISaseq Inflammation Panel AQ enables the discovery of novel signatures across while delivering precise quantitative measurements for over 150 key biomarkers from just 10µL of sample (25µL input). With exceptional sensitivity to detect cytokine levels in both normal and disease samples, the NULISaseq Inflammation AQ empowers researchers to track changes from baseline or after therapeutic treatments in clinical cohorts.

Unmatched sensitivity and broad dynamic range



Confidence in your results

High reproducibility with median CVs <10%

CV component	Median CV (%), Plasma
Intra-plate	5.96
Inter-plate	3.07
Inter-Instrument	0.95
Inter-Reagent Lot	1.75
Total	8.35



Read and cite the latest NULISA publication in *Nature Communications*.



NULISaseq™ Inflammation Panel AQ

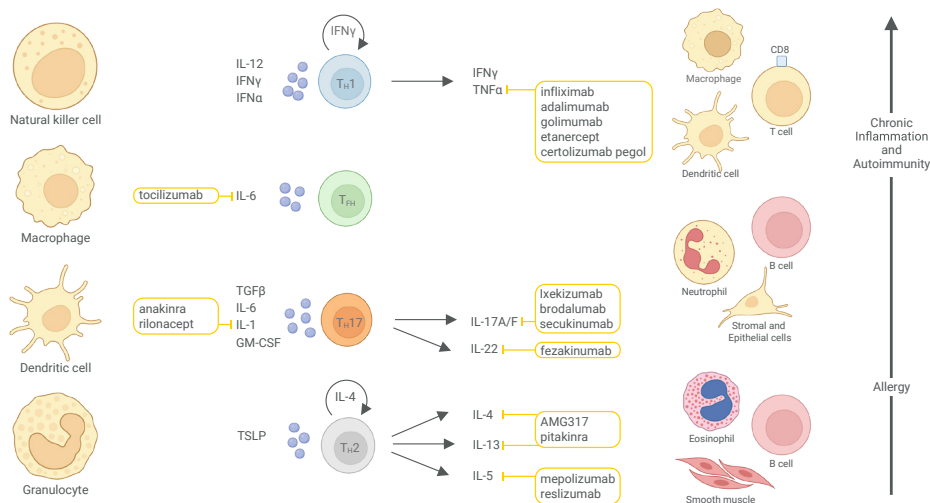
Quantify 150+ biomarkers of inflammation from just 10µL of sample (25µL input).

CYTOKINES			CHEMOKINES		GROWTH FACTORS	REGULATION
CSF1 (M-CSF)	IL15	IL5	CCL1 (I-309)	CCL27 (CTACK)	ANGPT1 (ANG-1)	CD200R1
CSF2 (GM-CSF)	IL17A	IL6	CCL11 (Eotaxin)	CCL3 (MIP-1α)	EGF	CD27 (TNFRSF7)
CSF3 (G-CSF)	IL17A IL17F	IL7	CCL13 (MCP-4)	CCL7 (MCP-3)	FGF21	CD274 (PD-L1)
CTF1	IL17B	IL9	CCL15 (MIP-5)	CCL8 (MCP-2)	GDF2	CD40LG (CD40 ligand)
CX3CL1 (Fractalkine)	IL17C	LIF	CCL16 (HCC-4)	CXCL1 (GROα)	HGF	CD46
FLT3LG	IL17F	LTA (TNF-β)	CCL17 (TARC)	CXCL10 (IP-10)	NGF (β-NGF)	CD80
IFNA1;IFNA13 (IFNα1)	IL19	OSM (Oncostatin-M)	CCL19 (MIP-3β)	CXCL11 (I-TAC)	PDGFB	CD83
IFNB1 (IFNβ1)	IL1B	THPO (Thrombopoietin)	CCL2 (MCP-1)	CXCL13 (BCA-1)	PGF (PIGF)	CD93
IFNG (IFN-γ)	IL20	TNFSF10 (TRAIL)	CCL20 (MIP-3α)	CXCL16	VEGFA	CHI3L1 (YKL-40)
IFNL2;IFNL3 (IL28A;IL28B)	IL22	TNFSF15 (TL1A)	CCL21 (6CKine)	CXCL2 (GROβ)	VEGFC	CLEC4A
IFNW1 (IFNω1)	IL27 EBI3 (IL-27)	TNFSF18 (GITRL)	CCL22 (MDC)	CXCL3 (GROγ)	VEGFD	CTLA-4
IKBKG (NEMO)	IL33	TNFSF8 (CD30L)	CCL23 (MPIF-1)	CXCL5 (ENA-78)		
IL12A IL12B (IL12p70)	IL34	TSLP	CCL24 (Eotaxin-2)	TAFAs		
IL12B (IL12p40)	IL4					

RECEPTORS				OTHER		
AGER (RAGE)	IL18BP	KDR (VEGFR2)	TNFRSF13B (TACI)	AGRP	LAMP3	PTX3
CD40	IL18R1	KLRK1 (NKG2D)	TNFRSF13C (BAFF-R)	BST2 (CD317)	LGALS9 (Galectin-9)	S100A12 (ENRAGE)
CSF2RB	IL1R1 (CD121a)	LAG3	TNFRSF14 (HVEM)	CALCA (CGRP-I)	MICB	SELE (E-selectin)
CSF3R	IL1R2 (CD121b)	LILRB2 (ILT4)	TNFRSF17 (BCMA)	CEACAM5 (CEA)	MMP12	TIMP2
CXADR	IL1RL1	MERTK (MER)	TNFRSF18 (GITR)	EPO	MMP3	VSNL1 (VILIP)
HAVCR1 (KIM-1)	IL2RB (CD122)	NCR1	TNFRSF1A (CD120a)	GRN (Progranulin)	MMP8	VSTM1
IL10RB	IL3RA	SIRPA (CD172a)	TNFRSF1B (CD120b)	ICAM1 (CD54)	MMP9	WNT7A
IL12RB1	IL4R	SLAMF1 (CD150)	TNFRSF8 (CD30)	IRAK4	PDCD1 (PD-1)	
IL13RA2	IL5RA	TEK (TIE-2)	TREM1	KITLG	PDCD1LG2 (PD-L2)	
IL17RA (CD217)	IL6R	TLR3	TREM2			
IL17RB	IL7R (IL-7RA)	TNFRSF11A (RANK)				

Discover the biomarkers of disease progression and therapeutic response.

Cytokines are key modulators of inflammation and the target of many therapeutics



Ordering information

Product Name	Plate Format	Sample Type	Catalog Number
NULISaseq Inflammation Panel AQ	96	plasma/serum	800154

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