

Species	Analysis Targets	Specification	Analytes
Human	Cytokine	8-plex Panel	IL-2, IL-4, IL-6, IL-8, IL-10, GM-CSF, IFN- γ , TNF- α
		10-plex Panel	IL-1 β , IL-2, IL-4, IL-5, IL-6, IL-10, IL-12(p70), IL-13, IFN- γ , TNF- α
		17-plex Panel	IL-1 β , IL-2, IL-4, IL-5, IL-6, IL-7, IL-8, IL-10, IL-12(p70), IL-13, IL-17, MCP-1 (MCAF), MIP-1 β , TNF- α , G-CSF, GM-CSF, IFN- γ
		21-plex Panel	IL-1 α , IL-2R α , IL-3, IL-12 (p40), IL-16, IL-18**, IFN- α 2, LIF, MCP-3, M-CSF, MIF, MIG, SCF, SCGF- β , SDF-1 α , TNF- β , TRAIL, β -NGF, CTACK, GRO- α , HGF
		27-plex Panel	IL-1 β , IL-1ra, IL-2, IL-4, IL-5, IL-6, IL-7, IL-8, IL-9, IL-10, IL-12 (p70), IL-13, IL-15, IL-17, IP-10, MCP-1 (MCAF), MIP-1 α , MIP-1 β , PDGF-BB, RANTES, TNF- α , VEGF, G-CSF, GM-CSF, IFN- γ , basic FGF, Eotaxin
Human	Chemokine	9-plex Panel	Eotaxin, GRO α /CXCL1, RANTES/CCL5, IL-8/CXCL8, IP-10/CXCL10, MCP-1/CCL2, MIP-1 α /CCL3, MIP-1 β /CCL4, SDF1 α /CXCL12
		27-plex Panel	FGF basic, Eotaxin, G-CSF, GM-CSF, IFN- γ , IL-1 β , IL-1ra, IL-2, IL-4, IL-5, IL-6, IL-7, IL-8, IL-9, IL-10, IL-12(p70), IL-13, IL-15, IL-17, IP-10, MCP-1 (MCAF), MIP-1 α , MIP-1 β , PDGF-BB, RANTES, TNF- α , VEGF

		40-plex Panel	6Ckine/CCL21, BCA-1/CXCL13, CTACK/CCL27, ENA-78/CXCL5, Eotaxin/CCL11, Eotaxin-2/CCL24, Eotaxin-3/CCL26, Fractalkine/CX3CL1, GCP-2/CXCL6, GM-CSF, Gro- α /CXCL1, Gro- β /CxCL2, I-309/CCL1, IFN- γ , IL-1 β , IL-2, IL-4, IL-6, IL-8/ CXCL8, IL-10, IL-16, IP-10/CXCL10, I-TAC/CXCL11, MCP-1/CCL2, MCP-2/CCL8, MCP-3/CCL7, MCP-4/CCL13, MDC/CCL22, MIF, MIG/CXCL9, MIP-1 α /CCL3, MIP-1 δ /CCL15, MIP-3 α /CCL20, MIP-3 β /CCL19, MPIF-1/CCL23, SCYB16/CXCL16, SDF-1 α + β /CXCL12, TARC/CCL17, TECK/CCL25, TNF- α
		48-plex Panel	IL-1 α , IL-2R α , IL-3, IL-12 (p40), IL-16, IL-18, CTACK, GRO- α , HGF, IFN- α 2, LIF, MCP-3, M-CSF, MIF, MIG, β -NGF, SCF, SCGF-3, SDF-1 α , TNF- β , TRAIL, FGF basic, Eotaxin, G-CSF, GM-CSF, IFN- γ , IL-1 β , IL-1ra, IL-2, IL-4, IL-5, IL-6, IL-7, IL-8, IL-9, IL-10, IL-12 (p70), IL 13, IL-15, IL-17, IP-10, MCP-1 (MCAF), MIP-1 α , MIP-1 β , PDGF-BB, RANTES, TNF- α , VEGF
Human	Inflammation	20-plex Panel	IL-12, CCL2, CCL3, CCL4, CD54, CXCL10, GM-CSF, IFN α , IFN γ , IL-1 α , IL-1 β , IL-10, IL-13, IL-17A, IL-4, IL-6, IL-8, sCD62E, sCD62P, TNF α
		24-plex Panel	APRIL/TNFSF13, BAFF/TNFSF13B, Chitinase-3-like1, gp130/sIL-6R β , IFN- β , IL-11, IL-19, IL-20, IL-26, IL-27(p28), JIL-28A/IFN- λ 2, IL-29/IFN- λ 1, IL-32, IL-34, IL-35, LIGHT/TNFSF14, Osteocalcin, Pentraxin-3, sCD163, sCD30/TNFRSF8, sTNF-R1, sTNF-R2, TSLP, TWEAK/TNFSF12
		25-plex Panel	CCL2/MCP-1, CCL3/MIP-1 α , CCL4MIP-1 β , CCL11/Eotaxin, CCL24/Eotaxin-2, CXCL8/IL-8, CXCL9/MIG, CXCL13/BLC, G-CSF, GM-CSF, ICAM-1, IFN- γ , IFN- γ R1, IL-1 α , IL-1Ra, IL-2, IL-4, IL-5, IL-6, IL-10, IL-12(p70), IL-15, M-CSF, TNF- α , TNFR1
		37-plex Panel	APRIL/TNFSF13, BAFF/TNFSF13B, Chitinase-3-like1, gp130/sIL-6R β , IFN- α 2, IFN- β , IFN- γ , IL-2, IL-8, IL-10, L-11, IL-12(p40), IL-12(p70), IL-19, IL -20, L-22, IL-26, L-27(p28), IL-28A/IFN- λ 2, IL-29/IFN- λ 1, IL-32, IL-34, IL-35, LIGHT/TNFSF14, MMP-1, MMP-2, MMP-3, Osteocalcin, Osteopontin, Pentraxin-3, sCD163, sCD30/TNFRSF8, sIL-6R α , sTNF-R1, sTNF-R2, TSLP, TWEAK/TNFSF12

Human	Immunoglobulin Isotyping	6-plex panel	IgA, IgG1, IgG2, IgG3, IgG4, IgM
Human	Growth Factor	11-Plex Panel	BDNF, BNGF, EGF, FGF-2(FGFbasic), HGF, LIF, PDGF-BB, PIGF, SCF, VEGF-A, VEGF-D
Human	Th17	15-Plex Panel	IL-1 β , IL-4, IL-6, IL-10, IL-17A, IL-17F, IL-21, IL-22, IL-23, IL-25, IL-31, IL-33, IFN- γ , sCD40L, TNF- α .
		25-Plex Panel	IL-4, IL-5, IL-6, IL-9, IL-10, IL-12(p70), IL-13, IL-15, IL-17A/CTLA8, IL-17E/IL-25, IL-17F, IL-1 β , IL-2, IL-21, IL-22, IL-23, IL-27, IL-28A/IFN λ 2, IL-31, IL-33, IFN-, GM-CSF, MIP-3 α /CCL20, TNF α , TNF β
Human	Th1/Th2	6-Plex Panel	IFN γ , IL-4, IL-5, IL-6, IL-12p70, TNF-alpha
		9-Plex Panel	GM-CSF, IFN- γ , IL-2, IL-4, IL-6, IL-8, IL-10, IL-13, TNF- α
		11-Plex Panel	GM-CSF, IFN- γ , IL-1 β , IL-2, IL-4, IL-5, IL-6, IL-12p70, IL-13, IL-18, TNF- α
		18-Plex Panel	GM-CSF, IFN- α , IFN- γ , IL-1 α , IL-1 β , I-1RA, IL-2, IL-4, IL-5, L-6, IL-7, -12p70, IL-13, IL-15, IL-18, IL-31, TNF- α , TNF- β
		20-Plex Panel	Eotaxin, GM-CSF, GRO α /CXCL1, IFN- γ , IL-1 β , IL-2, IL-4, IL-5, L-6, IL-8/CXCL8, IL-12p70, IL-13, IL-18, IP-10/CXCL10, MCP-1/CCL2, MIP-1 α /CCL3, MIP-1 beta/CCL4, Rantes, SDF1 α /CXCL12, TNF- α
Human	Treg	7-Plex Panel	IL-9, IL-10, IL-17A, IL-21, IL-22, IL-23, IL-27
		12-Plex Panel	IL-2, IL-10, IL-12(p40), IL-12(p70), IL-19, IL-20, IL-22, IL-26, L-27(p28), II-28A/IFN- λ 2, IL-29/IFN- λ 1, IL-35
		14-Plex Panel	IFN- α , IL-1 α , IL-1RA, IL-7, IL-9, IL-10, IL-15, IL-17A, IL-21, IL-22, IL-23, L-27, IL-31, TNF- β

		16-Plex Panel	Eotaxin, GRO α /CXCL1, IL-8/CXCL8, IL-9, IL-10, IL-17A, IL-21, IL-22, IL-23, IL-27, IP-10/CXCL10, MCP-1/CCL2, MIP-1 α /CCL3, MIP-1 β /CCL4, Rantes, SDF 1 α /CXCL12
		18-Plex Panel	GM-CSF, IFN γ , IL-1 β , IL-2, IL-4, IL-5, IL-6, IL-9, IL-10, IL-12p70, IL-13, IL-17A, IL-18, IL-21, IL-22, IL-23, IL-27, TNF α
Human	TGF- β	3-Plex Panel	TGF- β 1, TGF- β 2, TGF- β 3
Human	T Cell	13-Plex Panel	IL-1 β , IL-2, IL-4, IL-5, IL-6, IL-7, IL-8/CXCL8, L-10, IL-12(p70), IL-13, IFN γ , GM-CSF, TNF α
		17-Plex Panel	IL-2, IL-4, IL-5, IL-6, IL-10, IL-13, IFN γ , GM-CSF, Granzyme A, Granzyme B, MIP-1 α /CCL3, MIP-1 β /CCL4, Perforin, sCD137/4-1BB, sFas, sFasL/ TNFRSF6, and TNF α
		21-Plex Panel	IL-1 β , IL-2, IL-21, IL-23, IL-4, IL-5, IL-6, IL-7, IL-8/CXCL8, IFN γ , IL-10, L-12(p70), IL-13, IL-17A/CTLA8, Fractalkine/CX3CL1, GM-CSF, I-TAC/CXCL 11, MIP-1 α /CCL3, MIP-1 β /CCL4, MIP-3 α /CCL20, TNF α
	Soluble Cytokine Receptor	14-Plex Panel	sCD30, EGFR, sgp130, sIL-1R I, sIL-1R II, sIL-2R α , sIL-4R, sIL-6R, sRAGE, sTNFR I, sTNFR II, sVEGFR1/sF1t-1, sVEGFR2/sKDR/sFlk-1, sVEGFR3/sFlt-4
Human	Angiogenesis	17-Plex Panel	Angiopoietin-2, BMP-9, EGF, Endoglin, Endothelin-1, FGF-1/FGF- acidic, FGF-2/FGF- basic, Follistatin, G-CSF, HB-EGF, HGF, IL-8/CXCL8, Leptin, PLGF VEGF-A, VEGF-C, VEGF-D
		20-Plex Panel	Angiostatin/Kringle, Osteopontin (OPN), PDGF-AB/BB, sAXL, SCFR, sEGFR/sHER1/sErbB1, sE-Selectin, sHER2/sEGFR2/sErbB2, sHER3/sEGFR3, sHGFR/sc- Met, sIL-6Ra, sNeuropilin-1 (sNRP-1), sPECAM-1, sTIE-2, suPAR, sVEGFR1/sFlt1, sVEGFR2 /sFlk-1, sVEGFR3/sF1-4, TenascinC (TN-C), Thrombospondin - 2(TSP-2)

Human	Cardiovascular	6-Plex Panel	ApoAI, ApoA II, ApoB, ApoC I, ApoC III, ApoE
		8-Plex Panel	dPAPP-A, Follistatin (FST), Pentraxin-3 (PTX3), sCD31/sPECAM-1, sE-Selectin, Thrombomodulin, Tissue Factor (TF), Troponin T (TnT)
		10-Plex Panel	ADAMTS13, D-dimer, GDF-15, Myeloperoxidase (MPO), Myoglobin, NGALLipocalin-2, SerumAmyloidA.sICAM-1, sP-Selectin, sVCAM-1
		11-Plex Panel	Adipsin, CRP, FetuinA, Fibrinogen, Haptoglobin, Platelet Factor4 (PF4), Senum AmyloidP, sL-Selectin, vonWillebrand Factor (vWF), α 1-AcidGlycoprotein (AGP), α -2-MacroglobulinF
		12-Plex Panel	CK-MB, CXCL16, Endocan (ESM-1), FABP3, FABP4, LIGHT, LIX/CXCL6/GCP-2, NP, NTproBNP, Oncostatin (OSM), Placental Growth Factor (PLGF), TroponinI (TnI)
Human	Cancer Biomarker	5-Plex Panel	Antithrombin III, Complementary factor H (CFH), Extracellular matrix protein 1 (ECM1), Vitamin D binding protein, Vitronectin
		8-Plex Panel	Cathepsin D, Ferritin, Fibroblast activation protein (FAP), Galectin3, IGFBP3, Melanoma inhibitory activity (MIA), Myeloperoxidase (MPO), Sex hormone-binding globulin
		9-Plex Panel	DKK1, GDF15, Neuron-specificicenolase (NSE), Osteonectin (SPARC), Osteoprotegerin (OPG), Periostin, TRAP, TWEAK, YKL40
		10-Plex Panel	ALDH1A1, Carbonic Anhydrase 9, CD44, EpCAM, Hepsin, Kallikrein-6, Mesothelin, Midkine, NCAML/L1CAM/CD171, Transglutaminase 2 (TGM2)

		24-Plex Panel	CA125, CA15-3, CA19-9, CEA, CYFRA21-1, FGF-2/FGF-basic, HCG β , HE4, HGF, IL-6, IL-8/CXCL8, Leptin, MIF, Osteopontin (OPN), Prolactin, PSA (total), SCF, sFas, sFasL/TNFRSF6, TGF α , TNF α , TRAIL/TNFSF10, VEGF-A, α -Fetoprotein (AFP)
Human	Obesity	5-Plex Panel	Adiponectin, Adipsin, NGAL/Lipocalin-2, PAI-1 (total), Resistin
		9-Plex Panel	HGF, IL-1 β , IL-6, IL-8/CXCL8, Insulin, Leptin, MCP-1/CCL2, NGF, TNF α
		11-Plex Panel	Adiponectin, HGF, IL-1 β , IL-6, IL-8/CXCL8, Leptin, MCP-1/CCL2, NGF, PAI-1(total), Resistin, TNF α
Human	Metabolic	5-Plex Panel	Cortiso1, C-Peptide, Peptide YY, PP, Proinsulin
		5-Plex Panel	ANGPTL3, Chemerin, DPP4, ProteinS, SEPP
		7-Plex Panel	AAT, AGP-1, Hemopexin, RBP-4, Transferrin, Transthyretin, VDBP
		8-Plex Panel	FGF-21, FGF-23, Galectin-3, Omentin-1, Pentraxin-3, PON-1, sLeptinR, Vaspin
Human	Metabolic Hormone	13-P1ex Panel	Amylin (total), C-Peptide, Ghrelin(active)%, GIP (total), GLP-1 (total), Glucagon, L-6, Insulin, Leptin, MCP-1/CCL2, Pancreatic Polypeptide, PYY (total), TNF α
Human	Coagulation	6-Plex Panel	Factor XI, Factor XII, Factor XIII, Antithrombin, Prothrombin, CRP
Human	IGFBP	7-Plex Panel	IGFBP1, IGFBP2, IGFBP3, IGFBP4, IGFBP5, IGFBP6, IGFBP7
Human	Liver Protein	9-Plex Panel	ANGPTL3, ANGPTL4, ANGPTL6, FABP1, FGF-19, FGF-21, FGF-23, HGF, alpha-Fetoprotein

Human	Pituitary	7-Plex Panel	ACTH, Agouti-Related Protein (AgRP), CNTF, FSH, GH, LH, TSH
Human	Kidney Injury (Urine)	3-Plex Panel	RBP4, Uromodulin, β -2-Microglobulin
		6-Plex Panel	Calbindin, Clusterin, GST-pi, IL-18, KIM-1, MCP-1
		6-Plex Panel	Albumin, B2M, CystatinC, NGAL, Osteopontin, TFF3
		7-Plex Panel	Albumin, Clusterin, CystatinC, EGF, NGAL, Osteopontin (OPN), α -1-Microglobulin
		11-Plex Panel	Calbindin, CollagenIV, FABP1, GST α , GST π , IP-10/CXCL10, KIM-1, Osteoactivin, Renin, TFF-3, TIMP-1
Human	Kidney Injury (Serum/Plasma)	4-Plex Panel	Clusterin, CystatinC, RBP4, β -2-Microglobulin
		7-Plex Panel	CollagenIV, GST π , NGA, Osteoactivin, TIMP-1, Uromodulin, alpha-1-Microglobulin
		8-Plex Panel	EGF, FABP1, GST α , IP-10/CXCL10, KIM-1, Osteopontin (OPN), PTH, Renin
Human	Neurodegenerative Disease	5-Plex Panel	A β 1-40, A β 1-42, GDNF, S100B, sRAGE
		6-Plex Panel	α -2-Antitrypsin, Complement C4, CRP, MIP-4/PARC, Serum Amyloid P (SAP), PEDF
		7-Plex Panel	α -2-Macroglobulin, ApoA I, ApoC III, ApoE, Complement C3, Complement factor H (CFH), Prealbumin/Transthyretin (TTR)

		10-Plex Panel	BDNF, CathepsinD, Myeloperoxidase (MPO), PAI-1 (total), PDGF-AA, PDGF-AB/BB, RANTES/CCL5, sICAM-1, sNCAM, sVCAM-1
Human	Neurological Disorders	4-Plex Panel	Ceruloplasmin (CP), Haptoglobin (HP), Serum Amyloid P, α -1-AcidGlycoprotein (AGP)
		7-Plex Panel	Angiotensinogen (AGT), Contactin-1, FetuinA, Kallikrein-6, Osteopontin (OPN), Soluble Superoxide Dismutase1 (sSOD1), Soluble Superoxide Dismutase2 (sSOD2)
Human	Neuropeptide	6-Plex Panel	Neurotensin, OrexinA, Oxytocin, SubstanceP, α -MSH, β -Endorphin
Human	MMP	3-Plex Panel	MMP-3, MMP-12, MMP-13
		5-Plex Panel	MMP-1, MMP-2, MMP-7, MMP-9, MMP-10
		9-Plex Panel	MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-12, MMP-13
Human	Diabetes	5-Plex Panel	C-Peptode, GLP-1(active), Glucagon, Insulin, Leptin
		10-Plex Panel	C-peptide, ghrelin, GIP, GLP-1, glucagon, insulin, leptin, PAI-1 (total), resistin, visfatin
Human	Bone Metabolism	Single-Plex Panel	RANKL
		13-Plex Panel	ACTH, DKK1, FGF-23, IL-1 β , IL-6, Insulin, Leptin, Osteocalcin (OC), Osteopontin (OPN), Osteoprotegerin (OPG), PTH, Sclerostin (SOST), TNF α
Human	Sepsis	2-Plex Panel	Elastase-2, Proteinase-3 (PRTN-3)

		3-Plex Panel	FGF-13, MMP-8, Olfactomedin-4 (OLFM-4)
		5-Plex Panel	Lactotransferrin (LTF), Neutrophil Elastase-2 (ELA2), NGA, Resistin, Thrombospondin-1
		6-Plex Panel	MIF, PAI-1 (total), sFas, sFasL/TNFRSF6, sICAM-1, sVCAM-1
		7-Plex Panel	Granzyme B, HSP70, L-1 α , IL-8/CXCL8, MIP-1 α /CCL3, MIP-1 β /CCL4, MMP-8
	Complement	7-Plex Panel	C1q, C3, C3b, C4, FactorB, FactorH, Properdin
		8-Plex Panel	Adipson/FactorD, C2, C4b, C5, C5a, C9, Factor I, Mannose-bindinglectin (MBL)
	Myokine	15-Plex Panel	Apelin, BDNF, Fractalkine/CX3CL1, Erythropoietin (EPO), LIF, IL-15, SPARC/Osteonectin, Myostatin, FABP3, Irisin, FSTL-1, IL-6, Osteocrin/ Musclin, Oncostatin-M, FGF-21
	Amyloid beta and Tau	4-Plex Panel	A β 1-40, A β 1-42, Tau (Thr181), Tau (total)