



Cloud-Clone Corp.



Cloud-Clone Multiplex Panel for Bone Diseases

Cloud-Clone Multiplex Assay Kits



Cloud-Clone Multiplex Assay Kits, based on Luminex xMAP technology, enable to make rapid and efficient analysis of multiple targets simultaneously in a single well. Compared to traditional ELISA kit, Multiplex Assay Kit can provide more data from each sample of plasma, serum, tissue homogenates and cell culture supernates etc., which is a key feature when sample volume is limited. Furthermore, with just one run, a comprehensive view of protein signaling can be gained using precious samples.

Product Types

Validated Panel

Cloud-Clone can provide high performance, flexible and user-friendly multiplex panels. Rigorous compatibility, cross-reactivity and interference tests guarantee stable performance and reproducibility.

More than 350 validated panels

Custom Panel

Custom panels tailored to demands with optimized solutions. Cloud-Clone supports flexible combination of over 7,000 targets, including Cytokines, Signal Pathway Markers, Cancer Biomarkers and more.

7,000+ targets, flexible combination

Product Advantages



Wider detection range

1,000-10,000 times wider than common ELISA kits



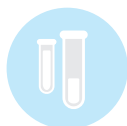
Higher sensitivity

10-100 times more sensitive than common ELISA kit



More reliable result

Data generation from 50 beads per well for each target



Low sample volume

Minimum volume: 25µL



Simultaneous detection of multiple targets in single sample

Save sample, time and money



Flow cytometry / Luminex instrument compatible

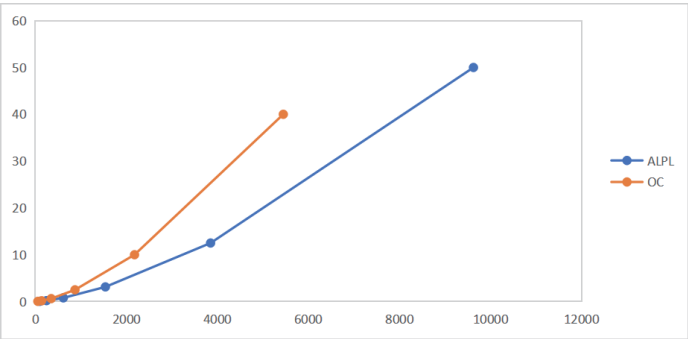
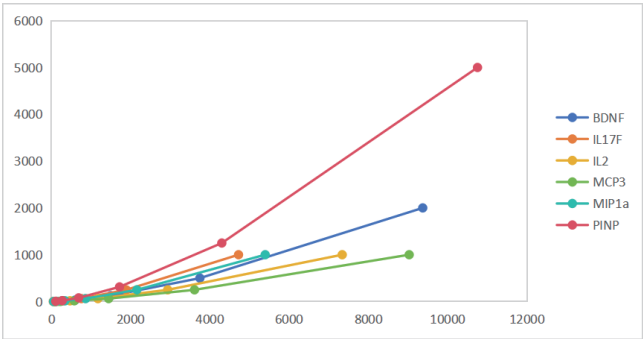
No extra equipment required

Multiplex Panel for Bone Diseases

Over 50 validated panels available for multiple species: mouse, rat, human, rabbit, guinea pig, sheep, etc.

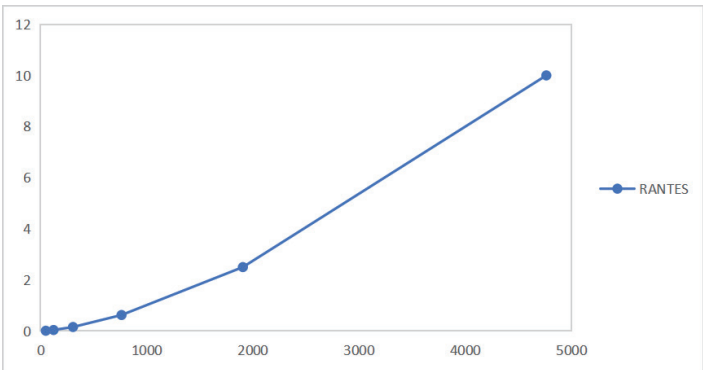
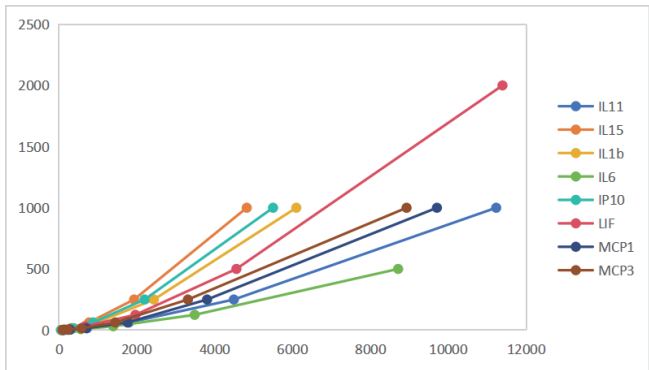
IS135-36

Multiplex Assay Kit for Human ALPL, BDNF, IL17F, IL2, MCP3, MIP1a, Osteocalcin, PINP, 8-Plex



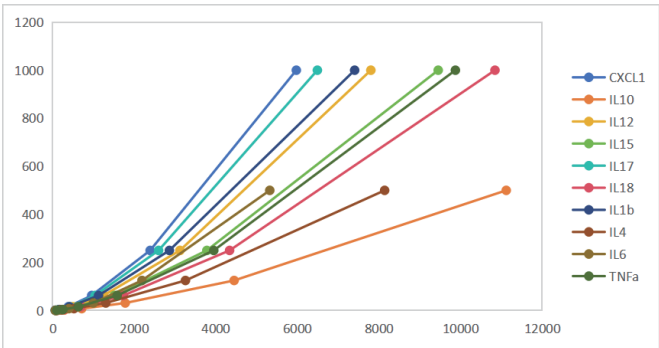
IS135-121

Multiplex Assay Kit for Human IL11, IL15, IL1b, IL6, IP10, LIF, MCP1, MCP3, RANTES, 9-Plex



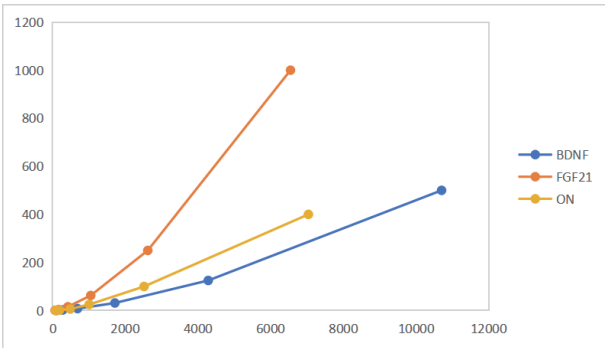
IS135-177

Multiplex Assay Kit for Mouse CXCL1, IL10, IL12, IL15, IL17, IL18, IL1b, IL4, IL6, TNFa, 10-Plex



IS135-253

Multiplex Assay Kit for Rat BDNF, FGF21, ON, 3-Plex



Multiplex Panel for Bone Diseases (Part)

Catalog No.	Species	Targets	Contents	Product Name
IS135-1	Mouse	IL1b, IL2, IL6, IL10, IL17, IL22, TNFa	LMA563Mu, LMA073Mu, LMA079Mu, LMA056Mu, LMA063Mu, LMC032Mu, LMA133Mu	7-Plex Chronic Periodontitis / Inflammatory Bowel Disease / Rheumatoid Arthritis / Vitiligo / Parkinson's Disease / Asthma Related Panel
IS135-5	Human	IFNg, IL6	LMA049Hu, LMA079Hu	2-Plex Rheumatoid Arthritis / Systemic Lupus Erythematosus / Colorectal Cancer / Endometriosis / Type 2 Diabetes / Chronic Kidney Disease / Alzheimer's Disease / Polycystic Ovarian Syndrome / Sleep Apnea Syndrome (SAS) Related Panel
IS135-6	Human	MIP1b, IFNg	LMA093Hu, LMA049Hu	2-Plex Rheumatoid Arthritis / Systemic Lupus Erythematosus / Multiple Sclerosis / Autism Spectrum Disorder / Chronic Bronchitis / Multiple Myeloma Related Panel
IS135-8	Mouse	IL1b, IL6, IL10, TNFa	LMA563Mu, LMA079Mu, LMA056Mu, LMA133Mu	4-Plex Alzheimer's Disease / Osteoarthritis / Rheumatoid Arthritis / Inflammatory Bowel Disease / Prostate Cancer / Sarcopenia Related Panel
IS135-9	Mouse	IL1b, IL4, IL6, IL12, IL13, IL15, TNFa	LMA563Mu, LMA077Mu, LMA079Mu, LMA111Mu, LMA060Mu, LMA061Mu, LMA133Mu	7-Plex Rheumatoid Arthritis / Inflammatory Bowel Disease / Systemic Lupus Erythematosus / Multiple Sclerosis / Cytokine Storm Syndrome / Atherosclerosis / Periodontitis / Alzheimer's Disease / Primary Myelofibrosis Related Panel
IS135-10	Mouse	CCL5, IL1a, TNFa, CXCL10, CXCL11, IFNb	LMA116Mu, LMA071Mu, LMA133Mu, LMA371Mu, LMC071Mu, LMA222Mu	6-Plex Rheumatoid Arthritis / Systemic Lupus Erythematosus / Multiple Sclerosis / Type 1 Diabetes / Melanoma / Breast Cancer Related Panel
IS135-13	Rat	Calbindin, KIM1, OPN, TFF3, VEGFA	LMG438Ra, LMA785Ra, LMA899Ra, LMB656Ra, LMA143Ra	5-Plex Kidney Injury / Chronic Kidney Disease / Renal Transplant Rejection / Renal Toxicity / Diabetic Nephropathy / Osteoporosis / Osteoarthritis Related Panel
IS135-14	Rat	Eotaxin, GROa, IP10, MCP1, MCP3, MIP1a, MIP-2, RANTES	LMA025Ra, LMA041Ra, LMA371Ra, LMA087Ra, LMA089Ra, LMA092Ra, LMB603Ra, LMA116Ra	8-Plex Asthma / Atopic Dermatitis / Chronic Obstructive Pulmonary Disease / Autoimmune Hepatitis / Multiple Sclerosis / Rheumatoid Arthritis / Acute Lung Injury / Neurodevelopmental Disorders Related Panel
IS135-15	Human	GMCSF, IFNg, IL2, IL4, IL6, IL8, IL10, TNFa	LMA045Hu, LMA049Hu, LMA073Hu, LMA077Hu, LMA079Hu, LMA080Hu, LMA056Hu, LMA133Hu	8-Plex Chronic Hepatitis / Rheumatoid Arthritis / Autoimmune Hepatitis / Inflammatory Bowel Disease / Systemic Lupus Erythematosus / Multiple Sclerosis / Alzheimer's Disease / Schizophrenia / Periodontitis / Gastric Cancer / Hepatocellular Carcinoma Related Panel
IS135-16	Mouse	IFNa, IFNb	LMA033Mu, LMA222Mu	2-Plex Chronic Hepatitis B / Chronic Hepatitis C / Systemic Lupus Erythematosus / Multiple Sclerosis / Rheumatoid Arthritis / Renal Cell Carcinoma / Melanoma / Multiple Myeloma / Lung Cancer / Hepatocellular Carcinoma Related Panel
IS135-17	Human	MMP1, MMP2, MMP7, MMP9, MMP10	LMA097Hu, LMA100Hu, LMA102Hu, LMA553Hu, LMA098Hu	5-Plex Pulmonary Fibrosis / Pulmonary Emphysema / Atherosclerosis / Myocardial Infarction / Osteoarthritis / Rheumatoid Arthritis / Multiple Sclerosis / Parkinson's Disease / Alzheimer's Disease / Inflammatory Bowel Disease / Liver Cancer / Periodontal Disease Related Panel

IS135-18	Human	MMP2, MMP3, MMP9	LMA100Hu, LMA101Hu, LMA553Hu	3-Plex Colorectal Cancer / Breast Cancer / Laryngeal Cancer / Bladder Cancer / Cervical Cancer / Thyroid Cancer / Lung Cancer / Mesothelioma / Atherosclerosis / Coronary Artery Aneurysm / Hypertension / Alzheimer's Disease / Multiple Sclerosis / Parkinson's Disease / Rheumatoid Arthritis / Periodontitis / Chronic Liver Disease / Inflammatory Bowel Disease / Meningitis Related Panel
IS135-24	Guinea pig	IFNa, IFNg, IL10, IL2, IL6, IL8, MCP1, RANTES, TNFa	LMA033Gu, LMA049Gu, LMA056Gu, LMA073Gu, LMA079Gu, LMA080Gu, LMA087Gu, LMA116Gu, LMA133Gu	9-Plex Rheumatoid Arthritis / Enteritis Related Panel
IS135-31	Human	ACVA, FGF23, KL, PTH	LMA001Hu, LMA746Hu, LMH757Hu, LMA866Hu	4-Plex Chronic Kidney Disease - Mineral and Bone Disorder (CKD-MBD) Related Panel
IS135-34	Human	Alkaline Phosphatase, COL1a1, Osteocalcin, Osteopontin, RANKL, RUNX2	LMB472Hu, LMA350Hu, LMA471Hu, LMA899Hu, LMA855Hu, LMB011Hu	6-Plex Osteoporosis / Osteogenesis Imperfecta / Osteosarcoma Related Panel
IS135-36	Human	ALPL, BDNF, IL17F, IL2, MCP3, MIP1a, Osteocalcin, PINP	LMB091Hu, LMA011Hu, LMB955Hu, LMA073Hu, LMA089Hu, LMA092Hu, LMA471Hu, LMA957Hu	8-Plex Osteoarthritis / Osteoporosis Related Panel
IS135-53	Human	BMP2, Klotho, OPG, Osteocalcin, RUNX2, SOST	LMA013Hu, LMH757Hu, LMA108Hu, LMA471Hu, LMB011Hu, LMC864Hu	6-Plex Osteoporosis / Chronic Kidney Disease Bone Disorder / Cardiovascular Calcification / Multiple Myeloma Related Panel
IS135-67	Human	COL10, COL8a1, COL8a2, FBLN7, MGP, PODN	LMC156Hu, LMC146Hu, LMD124Hu, LMF420Hu, LMB477Hu, LMG186Hu	6-Plex Bone and Joint Diseases / Colorectal Cancer / Osteosarcoma Related Panel
IS135-68	Human	COMP, IL1b, IL1RA, IL6, TIMP2	LMB197Hu, LMA563Hu, LMA223Hu, LMA079Hu, LMA128Hu	5-Plex Osteoarthritis / Systemic Lupus Erythematosus / Lung Cancer / Gastric Cancer / Bladder Cancer Related Panel
IS135-70	Human	CRBN, GPLD1, NFkB	LMG676Hu, LMH975Hu, LMB824Hu	3-Plex Diabetes / Insulin Resistance / Diabetic Osteoporosis Related Panel
IS135-98	Human	HTRA1, PRG4	LML604Hu, LMG246Hu	2-Plex Osteoarthritis / Dry Eye Syndrome / Intervertebral Disc Degeneration Related Panel
IS135-118	Human	IL10, IL17, IL18, IL1b, IL6, MIF, TNFa	LMA056Hu, LMA063Hu, LMA064Hu, LMA563Hu, LMA079Hu, LMA698Hu, LMA133Hu	7-Plex Toxoplasma Infection / Psoriasis / Hepatitis / Granulomatous Diseases / Rheumatoid Arthritis Related Panel
IS135-120	Human	IL10, IL6, NFkB	LMA056Hu, LMA079Hu, LMB824Hu	3-Plex Autoimmune Diseases / Rheumatoid Arthritis / Systemic Lupus Erythematosus / Inflammatory Bowel Disease / Psoriasis / Multiple Sclerosis Related Panel
IS135-121	Human	IL11, IL15, IL1b, IL6, IP10, LIF, MCP1, MCP3, RANTES	LMA057Hu, LMA061Hu, LMA563Hu, LMA079Hu, LMA371Hu, LMA085Hu, LMA087Hu, LMA089Hu, LMA116Hu	9-Plex Rheumatoid Arthritis Related Panel
IS135-127	Human	IL1b, IL6, IL8, TNFa	LMA563Hu, LMA079Hu, LMA080Hu, LMA133Hu	4-Plex Sepsis / Inflammatory Bowel Disease / Atherosclerosis / Rheumatoid Arthritis / Alzheimer's Disease / Behcet Disease Related Panel
IS135-128	Human	IL1b, IL6, MCP1, TNFa	LMA563Hu, LMA079Hu, LMA087Hu, LMA133Hu	4-Plex Parkinson's Disease / Alzheimer's Disease / Sepsis / Atherosclerosis / Rheumatoid Arthritis Related Panel
IS135-170	Mouse	CH, CTN, CTXI, PINP	LMB701Ge, LMV806Ge, LMA665Mu, LMA957Mu	4-Plex Cardiovascular, Renal Function and Bone Metabolism Related Panel

IS135-174	Mouse	CTXI, LH, FSH, E2	LMA665Mu, LMA441Mu, LMA830Mu, LMA461Ge	4-Plex Postmenopausal Osteoporosis Related Panel
IS135-198	Mouse	IFNg, IL10, IL12, IL17, IL1b, IL33, IL6, PEDF	LMA049Mu, LMA056Mu, LMA111Mu, LMA063Mu, LMA563Mu, LMB980Mu, LMA079Mu, LMB972Mu	8-Plex Rheumatoid Arthritis / Inflammatory Bowel Disease / Psoriasis / Psoriatic Arthritis / Multiple Sclerosis / Asthma / Systemic Lupus Erythematosus Related Panel
IS135-202	Mouse	IFNg, IL10, IL18, IL2, IL4, IL5, IL6, TNFa	LMA049Mu, LMA056Mu, LMA064Mu, LMA073Mu, LMA077Mu, LMA078Mu, LMA079Mu, LMA133Mu	8-Plex Rheumatoid Arthritis / Systemic Lupus Erythematosus / Asthma / Multiple Sclerosis Related Panel
IS135-207	Mouse	IFNg, IL2, IL6, LPS, TNFa, VEGFA	LMA049Mu, LMA073Mu, LMA079Mu, LMB526Ge, LMA133Mu, LMA143Mu	6-Plex Diabetes / Infectious Diseases / Osteoarthritis Related Panel
IS135-208	Mouse	IGF1, OC, PINP	LMA050Mu, LMA471Mu, LMA957Mu	3-Plex Osteoporosis / Other Bone Metabolism-related Diseases Related Panel
IS135-213	Mouse	IL10, IL12B, IL13, IL17, IL4, IL5, IL6, IL8	LMA056Mu, LMA058Mu, LMA060Mu, LMA063Mu, LMA077Mu, LMA078Mu, LMA079Mu, LMA080Mu	8-Plex Rheumatoid Arthritis / Asthma / Inflammatory Bowel Disease / Infectious Diseases Related Panel
IS135-217	Mouse	IL10, IL17, IL22	LMA056Mu, LMA063Mu, LMC032Mu	3-Plex Rheumatoid Arthritis / Ulcerative Colitis / Alopecia Areata / Psoriasis Related Panel
IS135-227	Mouse	IL1b, IL6, TNFa	LMA563Mu, LMA079Mu, LMA133Mu	3-Plex Alzheimer's Disease / Vascular Dementia / Rheumatoid Arthritis / Ankylosing Spondylitis / Inflammatory Bowel Disease / Osteoarthritis / Malaria Infection / Autoimmune Hepatitis Related Panel
IS135-230	Mouse	IL6, MCP1, TNFa	LMA079Mu, LMA087Mu, LMA133Mu	3-Plex Rheumatoid Arthritis / Atherosclerosis / Obesity-related Inflammation / Systemic Lupus Erythematosus / Neuroinflammation and Cognitive Impairment / Brain Aneurysm / Diabetic Nephropathy / Interstitial Lung Disease Related Panel
IS135-242	Rabbit	IL1b, IL6, IL8, MMP2, TNFa	LMA563Rb, LMA079Rb, LMA080Rb, LMA100Rb, LMA133Rb	5-Plex Rheumatoid Arthritis / Inflammatory Bowel Disease Related Panel
IS135-243	Rabbit	IL1b, IL6, MMP13, MMP3, TNFa	LMA563Rb, LMA079Rb, LMA099Rb, LMA101Rb, LMA133Rb	5-Plex Osteoarthritis / Rheumatoid Arthritis / Periodontal Disease Related Panel
IS135-244	Rabbit	IL1b, IL6, TNFa, TNFb	LMA563Rb, LMA079Rb, LMA133Rb, LMA134Rb	4-Plex Rheumatoid Arthritis / Autoimmune Thyroiditis / Type 2 Diabetes / Alzheimer's Disease / Colorectal Cancer Related Panel
IS135-246	Rabbit	MCP1, MMP1, TNFa	LMA087Rb, LMA097Rb, LMA133Rb	3-Plex Atherosclerosis / Rheumatoid Arthritis / Chronic Obstructive Pulmonary Disease Related Panel
IS135-250	Rat	ALPL, ALT, AST, IL6, LEP, OPG, PINP, RANKL, TNFa	LMB091Ra, LMA207Ra, LMB214Ra, LMA079Ra, LMA084Ra, LMA108Ra, LMA957Ra, LMA855Ra, LMA133Ra	9-Plex Osteoporosis / Cirrhosis Related Panel
IS135-252	Rat	bCTX, CH, CTN, DHVD3, HVD3, INS, PTH, TG, UA	LMA892Ra, LMB701Ge, LMB806Ge, LMA467Ge, LMA915Ge, LMA448Ra, LMA866Ra, LMA355Ra, LMS529Ge	9-Plex Hyperparathyroidism / Osteoporosis / Chronic Kidney Disease Related Panel
IS135-253	Rat	BDNF, FGF21, ON	LMA011Ra, LMC918Ra, LMA791Ra	3-Plex Osteoporosis / Diabetes Related Panel
IS135-254	Rat	C5b9, CAT, RANKL, S100B, SEMA3A, SFRP4, UMOD	LMC350Ra, LMC418Ra, LMA855Ra, LMA567Ra, LML917Ra, LMF878Ra, LMG918Ra	7-Plex Osteoarthritis / Alzheimer's Disease / Chronic Kidney Disease Related Panel

IS135-255	Rat	CAT, HO1, HSF1, HSP70, IL1b, IL6, NFkB, TNFa, MUC2	LMC418Ra, LMA584Ra, LMA435Ra, LMA873Ra, LMA563Ra, LMA079Ra, LMB824Ra, LMA133Ra, LMA705Ra	9-Plex Inflammatory Bowel Disease / Chronic Obstructive Pulmonary Disease / Type 2 Diabetes / Alzheimer's Disease / Rheumatoid Arthritis Related Panel
IS135-260	Rat	DKK1, IL1b, IL4, OC, SOST	LMA741Ra, LMA563Ra, LMA077Ra, LMA471Ra, LMC864Ra	5-Plex Multiple Myeloma / Osteoporosis / Ankylosing Spondylitis Related Panel
IS135-262	Rat	IFNg, IL10, IL18, IL1a, IL1b, IL21, IL6, TNFa	LMA049Ra, SEA056Ra, LMA064Ra, LMA071Ra, LMA563Ra, LMB688Ra, LMA079Ra, LMA133Ra	8-Plex Rheumatoid Arthritis / Systemic Lupus Erythematosus / Inflammatory Bowel Disease / Alzheimer's Disease / Atherosclerosis Related Panel
IS135-264	Rat	IL1b, IL2, IL6, TNFa	LMA563Ra, LMA073Ra, LMA079Ra, LMA133Ra	4-Plex Rheumatoid Arthritis / Systemic Lupus Erythematosus / Sepsis / Type 2 Diabetes / Alzheimer's Disease / Multiple Sclerosis / Chronic Obstructive Pulmonary Disease Related Panel
IS135-265	Rat	IL1b, IL6, TNFa	LMA563Ra, LMA079Ra, LMA133Ra	3-Plex Rheumatoid Arthritis / Systemic Lupus Erythematosus / Sepsis / Type 2 Diabetes / Alzheimer's Disease / Multiple Sclerosis / Chronic Obstructive Pulmonary Disease / Inflammatory Bowel Disease / Periodontitis Related Panel
IS135-266	Rat	NFkB, STAT3, PKBa	LMB824Ra, LMB743Ra, LMC231Ra	3-Plex Rheumatoid Arthritis / Pancreatic Cancer / Hepatocellular Carcinoma Related Panel
IS135-267	Sheep	IFNg, IL1b, IL2, IL6	LMA049Ov, LMA563Ov, LMA073Ov, LMA079Ov	4-Plex Rheumatoid Arthritis / Multiple Sclerosis / Neuropsychiatric Systemic Lupus Erythematosus / Severe Depression / Autoimmune Hepatitis Related Panel
IS135-282	Human	IL8, OPG	LMA080Hu, LMA108Hu	2-Plex Rheumatoid Arthritis/Osteoporosis/Multiple Myeloma/Atherosclerosis/Coronary Heart Disease/Heart Failure/Chronic Kidney Disease (CKD) Related Panel
IS135-302	Human	CXCL1, IL6, IL8, MMP3, TGFb1, TNFa	LMA041Hu, LMA079Hu, LMA080Hu, LMA101Hu, LMA124Hu, LMA133Hu	6-Plex Rheumatoid Arthritis/Nonalcoholic Steatohepatitis Related Panel
IS135-334	Human	CRP, IL10, IL1b, IL4, IL6, MMP13, TGFb1, TNFa, VEGFA	LMA821Hu, LMA056Hu, LMA563Hu, LMA077Hu, LMA079Hu, LMA099Hu, LMA124Mu, LMA133Hu, LMA143Hu	9-Plex Osteoarthritis/Rheumatoid Arthritis Related Panel
IS135-354	Mouse	GMCSF, IL17, IL1b, IL23, IL6, RANTES, TNFa	LMA045Mu, LMA063Mu, LMA563Mu, LMX262Mu, LMA079Mu, LMA116Mu, LMA133Mu	7-Plex Rheumatoid Arthritis/Inflammatory Bowel Disease/COVID-19/Bacterial Sepsis/Tumor Related Panel
IS135-364	Mouse	ACP5, ALPL, CTXI, DKK1, IL6, LEP, OC, OPG, OPN, PDGF BB, PINP, RANKL, SOST	LMA902Mu, LMB091Mu, LMA665Mu, LMA741Mu, LMA079Mu, LMA084Mu, LMA471Mu, LMA108Mu, LMA899Mu, LMA633Mu, LMA957Mu, LMA855Mu, LMC864Mu	13-Plex Osteoporosis/Rheumatoid Arthritis/Spinal Chondrodysplasia/Other Bone Metabolism Disorders Related Panel
IS135-367	Rat	HIF1a, IL10, IL6	LMA798Ra, LMA056Ra, LMA079Ra	3-Plex Inflammation/Rheumatoid Arthritis Related Panel