



Cloud-Clone Corp.



Cloud-Clone Multiplex Panel for Cardiovascular 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 kits



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

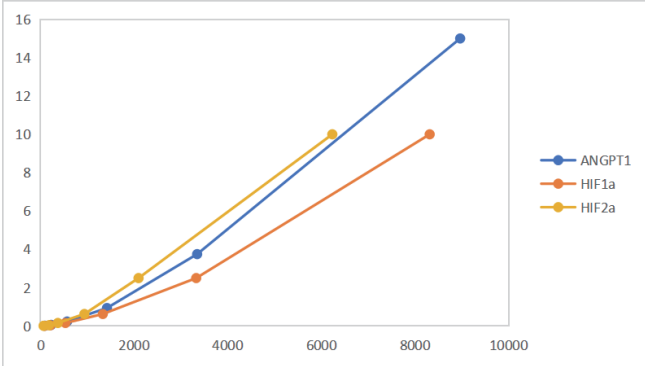
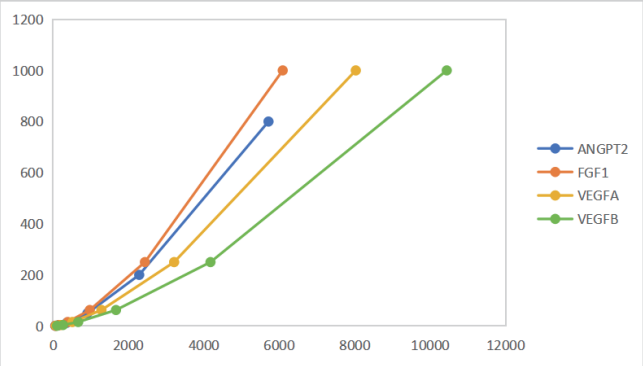
No extra equipment required

Multiplex Panel for Cardiovascular Diseases

Over 70 validated panels available for multiple species: mouse, rat, human, rabbit, etc.

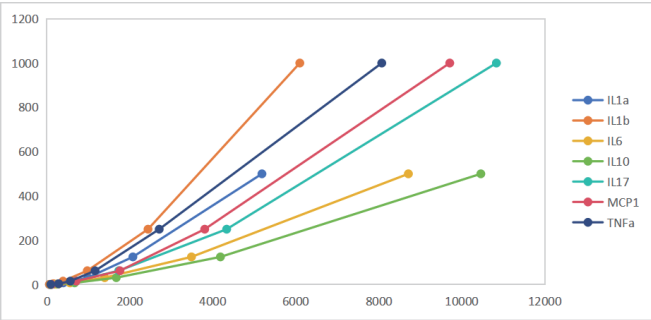
IS135-39

Multiplex Assay Kit for Human ANGPT1, ANGPT2, FGF1, HIF1a, HIF2a, VEGFA, VEGFB, 7-Plex



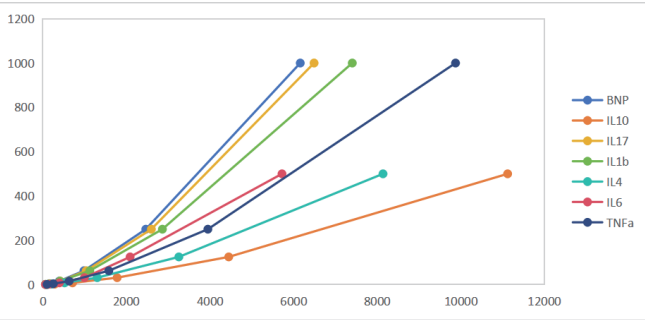
IS135-125

Multiplex Assay Kit for Human IL1a, IL1b, IL6, IL10, IL17, MCP1, TNFa, 7-Plex



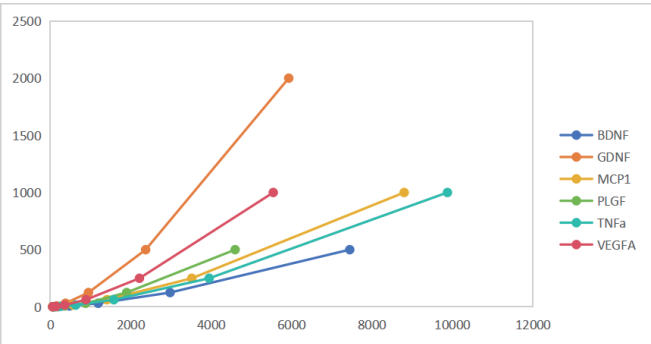
IS135-162

Multiplex Assay Kit for Mouse BNP, IL10, IL17, IL1b, IL4, IL6, TNFa, 7-Plex



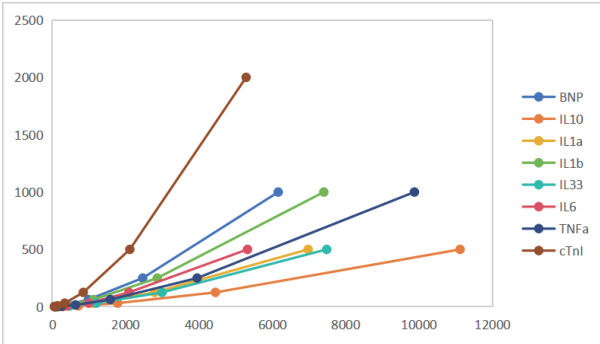
IS135-160

Multiplex Assay Kit for Mouse BDNF, GDNF, MCP1, PLGF, TNFa, VEGFA, 6-Plex



IS135-163

Multiplex Assay Kit for Mouse BNP, IL10, IL1a, IL1b, IL33, IL6, TNFa, cTnl, 8-Plex



Multiplex Panel for Cardiovascular Diseases (Part)

Catalog No.	Species	Targets	Contents	Product Name
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
IS135-17	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
IS135-32	Human	AGE, CH, CTN, TG	LMB353Hu, LMB701Hu, LMB806Hu, LMB687Hu	4-Plex Coronary Heart Disease / Atherosclerosis / Alzheimer's Disease / Parkinson's Disease Related Panel
IS135-33	Human	ALD, AngII, ANP, BNP, CRF, EDN1, EPI, NE, PGE2	LMA911Hu, LMA005Hu, LMA225Hu, LMA541Hu, LMA835Hu, LMA482Hu, LMA858Hu, LMA907Hu, LMA538Hu	9-Plex Hypertension / Atherosclerosis Related Panel
IS135-37	Human	ALT, BNP, CKM, CKMB, EPO, IL1b, LDH, TNFa	LMA207Hu, LMA541Hu, LMA109Hu, LMA479Hu, LMA028Hu, LMA563Hu, LMB864Hu, LMA133Hu	8-Plex Hepatitis / Nephritis / Heart Failure / Myocardial Infarction Related Panel
IS135-38	Human	ANGPT1, ANGPT2, ESM1, ICAM2, SDC1, VCAM1	LMA008Hu, LMA009Hu, LMC463Hu, LMA534Hu, LMB966Hu, LMA547Hu	6-Plex Chronic Kidney Disease / Heart Failure / Diabetic Nephropathy Related Panel
IS135-40	Human	ANGPT2, SELE, vWF	LMA009Hu, LMA029Hu, LMA833Hu	3-Plex Thrombus / Pulmonary Embolism Related Panel
IS135-41	Human	ANP, BNP, NTProBNP, TNNT2	LMA225Hu, LMA541Hu, LMA485Hu, LMD232Hu	4-Plex Hypertrophic Cardiomyopathy / Chronic Kidney Disease / Diabetes Related Panel
IS135-54	Human	C1s, C7, CRP, ICAM1, MPO, PAP, VCAM1, vWF, a2PI	LMB674Hu, LMA731Hu, LMA821Hu, LMA548Hu, LMA601Hu, LMA832Hu, LMA547Hu, LMA833Hu, LMA160Hu	9-Plex Atherosclerosis / Coronary Heart Disease / Rheumatoid Arthritis Related Panel
IS135-55	Human	C3a, C4a	LMA387Hu, LMA389Hu	2-Plex Systemic Lupus Erythematosus / IgA Nephropathy / Henoch-Schonlein Purpura Nephritis / Lyme Disease / Chronic Obstructive Pulmonary Disease / Heart Failure Related Panel
IS135-56	Human	C5b9, GAS6, GREM1, LDH, PON1, RNASE3	LMC350Hu, LMA204Hu, LMC128Hu, LMB864Hu, LMA243Hu, LMB758Hu	6-Plex Acute Coronary Syndrome / Venous Thromboembolism / Diabetes / Fatty Liver Related Panel
IS135-58	Human	CAV1, CCND2, CRIP1, EGR1, IFITM3, SIRT1	LMA214Hu, LMA586Hu, LMC402Hu, LMA416Hu, LMH830Hu, LME912Hu	6-Plex Atherosclerosis / Hypertension / Alzheimer's Disease Related Panel
IS135-60	Human	CD14, IL6, LEP, MCP1, TNFa	LMA685Hu, LMA079Hu, LMA084Hu, LMA087Hu, LMA133Hu	5-Plex Diabetes / Atherosclerosis / Inflammatory Bowel Disease / Rheumatoid Arthritis Related Panel
IS135-62	Human	CD23, GZMB, MPO	LMB582Hu, LMA600Hu, LMA601Hu	3-Plex B-cell Lymphoma / Vitiligo / Myocardial Infarction Related Panel

IS135-63	Human	CDH5, ICAM1, PECAM1, SELE, SELP, VCAM1	LMB366Hu, LMA548Hu, LMA363Hu, LMA029Hu, LMA569Hu, LMA547Hu	6-Plex Coronary Artery Disease / Stroke / Rheumatoid Arthritis / Melanoma Related Panel
IS135-72	Human	cTnI, FGF23, GAL3, GDF15, HFABP, IL1RL1, TGM2	LMA478Hu, LMA746Hu, LMA303Hu, LMC034Hu, LMB243Hu, LMH820Hu, LMB830Hu	7-Plex Acute Myocardial Infarction / Cardiovascular Disease Related Panel
IS135-73	Human	cTnI, IL6, MCP1	LMA478Hu, LMA079Hu, LMA087Hu	3-Plex Acute Myocardial Infarction / Stroke Related Panel
IS135-77	Human	CXCL1, CXCL3, ENA78, IL8, IP10, ITaC, Mlg, PF4	LMA041Hu, LMB603Hu, LMA860Hu, LMA080Hu, LMA371Hu, LMC071Hu, LMB928Hu, LMA172Hu	8-Plex Gastric Cancer / Colitis / Atherosclerosis Related Panel
IS135-78	Human	DEFA1, HTN1, STATH	LMB705Hu, LMF487Hu, LMG441Hu	3-Plex Behcet Disease / Type 2 Diabetes / Cystic Fibrosis / Hypertension Related Panel
IS135-89	Human	GFAP, NEFL, NSE, UCHL1	LMA068Hu, LME038Hu, LMA537Hu, LMG945Hu	4-Plex Parkinson's Disease / Multiple Sclerosis / Dementia / Traumatic Brain Injury / Stroke / Alzheimer's Disease Related Panel
IS135-112	Human	IGF1, RANTES, SDF1	LMA050Hu, LMA116Hu, LMA122Hu	3-Plex Atherosclerosis / Type 1 Diabetes / Tumor Metastasis Related Panel
IS135-119	Human	IL10, IL1RA, TNFa	LMA056Hu, LMA223Hu, LMA133Hu	3-Plex Systemic Lupus Erythematosus / Rheumatoid Arthritis / Coronary Artery Disease / Type 1 Diabetes / Sepsis and Post-traumatic Infection / Alzheimer's Disease / Stroke Related Panel
IS135-125	Human	IL1a, IL1b, IL6, IL10, IL17, MCP1, TNFa	LMA071Hu, LMA563Hu, LMA079Hu, LMA056Hu, LMA063Hu, LMA087Hu, LMA133Hu	7-Plex Atherosclerosis / Neuroinflammation 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
IS135-142	Mouse	ACE2, AGC, ANXA2, GPX4, LDH, OGN, PCIII	LMB886Mu, LMB908Mu, LMB944Mu, LMC994Mu, LMB864Mu, LMC688Mu, LMD087Mu	7-Plex Hypertension Related Panel
IS135-146	Mouse	ALD, AngII, ANP, BNP, CRF, EDN1, EPI, NE, PGE2	LMA911Ge, LMA005Mu, LMA225Mu, LMA541Mu, LMA835Mu, LMA482Mu, LMA858Ge, LMA907Ge, LMA538Ge	9-Plex Hypertension / Renal Dysfunction Caused by Hypertension / Diabetic Nephropathy / Heart Failure Related Panel
IS135-153	Mouse	ANP, BNP, NTProBNP, TNNT2	LMA225Mu, LMA541Mu, LMA485Mu, LMD232Mu	4-Plex Cardiac Injury Related Panel
IS135-160	Mouse	BDNF, GDNF, MCP1, PLGF, TNFa, VEGFA	LMA011Mu, LMA043Mu, LMA087Mu, LMA114Mu, LMA133Mu, LMA143Mu	6-Plex Cerebrovascular Disease Related Panel
IS135-161	Mouse	BNP, Gal3, IL17, IL6, MMP1, ST2, TNFa	LMA541Mu, LMA303Mu, LMA063Mu, LMA079Mu, LMA097Mu, LMH820Mu, LMA133Mu	7-Plex Cardiac Failure Related Panel

IS135-162	Mouse	BNP, IL10, IL17, IL1b, IL4, IL6, TNFa	LMA541Mu, LMA056Mu, LMA063Mu, LMA563Mu, LMA077Mu, LMA079Mu, LMA133Mu	7-Plex Inflammatory Load of Cardiovascular Diseases Related Panel
IS135-163	Mouse	BNP, IL10, IL1a, IL1b, IL33, IL6, TNFa, TNNI3	LMA541Mu, LMA056Mu, LMA071Mu, LMA563Mu, LMB980Mu, LMA079Mu, LMA133Mu, LMA478Mu	8-Plex Inflammatory Load of Myocardial Injury Related Panel
IS135-164	Mouse	C1q, C3, C3a	LMA747Mu, LMA861Mu, LMA387Mu	3-Plex Multiple Sclerosis / Systemic Lupus Erythematosus / Glomerulonephritis / Atherosclerosis Complement System Related Panel
IS135-165	Mouse	C1q, C3a, C4b, CFb, MBL	LMA747Mu, LMA387Mu, LMB305Mu, LMC011Mu, LMB480Mu	5-Plex Systemic Lupus Erythematosus / Atherosclerosis Complement Activation Related Panel
IS135-172	Mouse	CKMB, cTnI, PLGF, VEGFA, VEGFR1	LMA479Mu, LMA478Mu, LMA114Mu, LMA143Mu, LMB818Mu	5-Plex Cardiovascular Disease Related Panel
IS135-179	Mouse	D2D, NTProBNP	LMA506Mu, LMA485Mu	2-Plex Cardiovascular Disease Related Panel
IS135-183	Mouse	EDN1, HA, HS, MDA, vWF	LMA482Mu, LMA182Ge, LMA161Ge, LMA597Ge, LMA833Mu	5-Plex Endothelial Injury and Oxidative Stress in Cardiovascular Diseases Related Panel
IS135-185	Mouse	eNOS, IL1b, IL6, TNFa	LMA868Mu, LMA563Mu, LMA079Mu, LMA133Mu	4-Plex Vascular Endothelial Dysfunction Related Panel
IS135-186	Mouse	EPO, TNNI3, TNT	LMA028Mu, LMA478Mu, LMB820Mu	3-Plex Cardiomyopathy Related Panel
IS135-190	Mouse	GCSF, IL12, IL2, MCP1, MCSF	LMA042Mu, LMA111Mu, LMA073Mu, LMA087Mu, LMA090Mu	5-Plex Atherosclerosis/Inflammatory Bowel Disease Related Panel
IS135-195	Mouse	HIF1a, IFNg, MCP1	LMA798Mu, LMA049Mu, LMA087Mu	3-Plex Lung Cancer / Atherosclerosis / Diabetic Nephropathy Related Panel
IS135-209	Mouse	IGF1, RANTES, SDF1	LMA050Mu, LMA116Mu, LMA122Mu	3-Plex Diabetes / Atherosclerosis / Multiple Myeloma / Prostate Cancer Related Panel
IS135-225	Mouse	IL1b, IL18, BDNF	LMA563Mu, LMA064Mu, LMA011Mu	3-Plex Chronic Obstructive Pulmonary Disease / Post-stroke Depression 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
IS135-236	Mouse	TNFa, IL6, CAT, GPX4, LDH	LMA133Mu, LMA079Mu, LMC418Mu, LMC994Mu, LMB864Mu	5-Plex Obesity / Diabetes Complications / Alzheimer's Disease / Environmental Lung Injury / Cardiac Failure Related Panel
IS135-245	Rabbit	IL6, MCP1, TNNI3	LMA079Rb, LMA087Rb, LMA478Rb	3-Plex Cardiomyopathy / Renal Cell Carcinoma Related Panel
IS135-246	Rabbit	MCP1, MMP1, TNFa	LMA087Rb, LMA097Rb, LMA133Rb	3-Plex Atherosclerosis / Rheumatoid Arthritis / Chronic Obstructive Pulmonary Disease Related Panel

IS135-247	Rat	ADAMTS4, DEFa1, DEFb1, HSPG, KL, NAP3	LMK204Ra, LMB705Ra, LMB373Ra, LMA565Ra, LMH757Ra, LMA041Ra	6-Plex Atherosclerosis Related Panel
IS135-249	Rat	AGE, ANP, BNP, CP, CTN, Hcy, INS, UA	LMB353Ge, LMA225Ra, LMA541Ra, LMA447Ra, LMV806Ge, LMD984Ge, LMA448Ra, LMS529Ge	8-Plex Diabetes / Kidney Disease / Heart Failure Related Panel
IS135-256	Rat	CAT, PECAM1	LMC418Ra, LMA363Ra	2-Plex Atherosclerosis / Diabetes / Schizophrenia Related Panel
IS135-257	Rat	COL1, COL3, CTGF, Smad2, Smad7	LMA571Ra, LMA176Ra, LMA010Ra, LMC124Ra, LMA648Ra	5-Plex Liver Fibrosis / Lung Fibrosis / Kidney Fibrosis / Cardiac Muscle Fibrosis Related Panel
IS135-259	Rat	DEFa1, FBN1, FNDC5, HMG1, MT1	LMB705Ra, LMA593Ra, LMN576Ra, LMA399Ra, LMB119Ra	5-Plex Atherosclerosis / Diabetes 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
IS135-272	Human	8-epi-PGF2 α , OxLDL	LMA701Ge, LMA527Hu	2-Plex Coronary Heart Disease/Diabetes Related Panel
IS135-277	Human	CRP, HbA1c	LMA821Hu, LMA190Hu	2-Plex Diabetes/Atherosclerosis 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
IS135-291	Human	ADP, CRP, ITLN1, MMP9	LMA605Hu, LMA821Hu, LMA933Hu, LMA553Hu	4-Plex Atherosclerosis/Acute Coronary Syndrome/Myocardial Infarction/Stroke Related Panel
IS135-301	Human	DPP4, IGF1, MyD88, TLR2, TLR3, TLR4	LMA884Hu, LMA050Hu, LMB707Hu, LMA663Hu, LMB989Hu, LMA753Hu	6-Plex Type 2 Diabetes/Nonalcoholic Fatty Liver Disease/Nonalcoholic Steatohepatitis/Diabetic Nephropathy/Atherosclerosis/Systemic Lupus Erythematosus Related Panel
IS135-303	Human	CRP, ICAM1, SELE, SELP, vWF, vWFCP	LMA821Hu, LMA548Hu, LMA029Hu, LMA569Hu, LMA833Hu, LMA950Hu	6-Plex Thrombotic Thrombocytopenic Purpura/Sepsis/Atherosclerosis Related Panel
IS135-319	Human	ACE, CRP, MMP3, MPO, PAI1, PDGFAB, RANTES, SELP, TGFb1	LMA004Hu, LMA821Hu, LMA101Hu, LMA601Hu, LMA532Hu, LMA436Hu, LMA116Hu, LMA569Hu, LMA124Hu	9-Plex Coronary Artery Disease Related Panel
IS135-321	Human	CHEM, GAL3, IL6, RETN, ST2, TIMP1, TIMP2, TIMP3, TIMP4	LMA945Hu, LMA303Hu, LMA079Hu, LMA847Hu, LMD171Hu, LMA552Hu, LMA128Hu, LMA129Hu, LMA130Hu	9-Plex Heart Failure/Myocardial Fibrosis Related Panel
IS135-326	Human	AGER, ANGPT1, ANGPT2, IL6, MMP2, TIMP1, TNFa, VCAM1, VEGFA, VEGFR2	LMA645Hu, LMA008Hu, LMA009Hu, LMA079Hu, LMA100Hu, LMA552Hu, LMA133Hu, LMA547Hu, LMA143Hu, LMB367Hu	10-Plex Diabetic Nephropathy/Malignant Tumor/Atherosclerosis/Diabetic Retinopathy Related Panel

IS135-330	Human	CD40L, CXCL1, CXCL2, GDF15, IL11, IL1a, IL1b, IL33, IL8, IP10, MIP1b, MMP1, TPA	LMA119Hu, LMA041Hu, LMB603Hu, LMC034Hu, LMA057Hu, LMA071Hu, LMA563Hu, LMB980Hu, LMA080Hu, LMA371Hu, LMA093Hu, LMA097Hu, LMA163Hu	13-Plex Rheumatoid Arthritis/Atherosclerosis Related Panel
IS135-331	Human	ANP, BNP, GMCSF, IFNg, IL10, IL1b, IL6, IL8, IP10, MCP1, MMP2, MMP9, RANTES, TARC, TNFa	LMA225Hu, LMA541Hu, LMA045Hu, LMA049Hu, LMA056Hu, LMA563Hu, LMA079Hu, LMA080Hu, LMA371Hu, LMA087Hu, LMA100Hu, LMA553Hu, LMA116Hu, LMB571Hu, LMA133Hu	15-Plex Heart Failure Related Panel
IS135-335	Human	ACTa2, CD42b, CNDP1, CTSZ, REG1b, SORT1	LMB342Mi, LMB108Hu, LMF388Hu, LMC969Hu, LME674Hu, LMC895Hu	6-Plex Cardiovascular/Cerebrovascular Disease Related Panel
IS135-336	Mouse	CH, LDL, TG	LMB701Ge, LMB107Mu, LMB687Ge	3-Plex Atherosclerotic Cardiovascular Disease/Acute Pancreatitis/Metabolic Syndrome/Nonalcoholic Fatty Liver Disease Related Panel
IS135-339	Mouse	BNP, CH, CTN	LMA541Mu, LMB701Ge, LMV806Ge	3-Plex Heart Failure/Chronic Kidney Disease Related Panel
IS135-340	Mouse	ANP, BNP	LMA225Mu, LMA541Mu	2-Plex Heart Failure/Coronary Heart Disease Related Panel
IS135-351	Mouse	C5a, C5b-9, IFNg, IL6, TNFa	LMA388Mu, LMC350Mu, LMA049Mu, LMA079Mu, LMA133Mu	5-Plex Systemic Lupus Erythematosus/Inflammatory Bowel Disease/Rheumatoid Arthritis/Sepsis/ANCA-Associated Vasculitis/Hidradenitis Suppurativa Related Panel
IS135-358	Mouse	ANP, BNP, CKM, CKMB, IL10, IL17, IL1b, NFkB, TNFa	LMA225Mu, LMA541Mu, LMA109Mu, LMA479Mu, LMA056Mu, LMA063Mu, LMA563Mu, LMB824Mu, LMA133Mu	9-Plex Acute Myocardial Infarction/Heart Failure/Other Cardiovascular Diseases Related Panel
IS135-363	Mouse	ALT, AST, CKMB, CRP, HDL, IL6, LDH, LDL, TG, TNFa, TNNI3	LMA207Mu, LMB214Mu, LMA479Mu, LMA821Mu, LMB006Mu, LMA079Mu, LMB864Mu, LMB107Mu, LMA355Mu, LMA133Mu, LMA478Mu	11-Plex Myocardial Infarction/Hepatitis/Fatty Liver/Atherosclerosis/Malignant Lymphoma Related Panel

Cloud-Clone Corp.

Original Manufacturer for Reagents, Samples and Services

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