



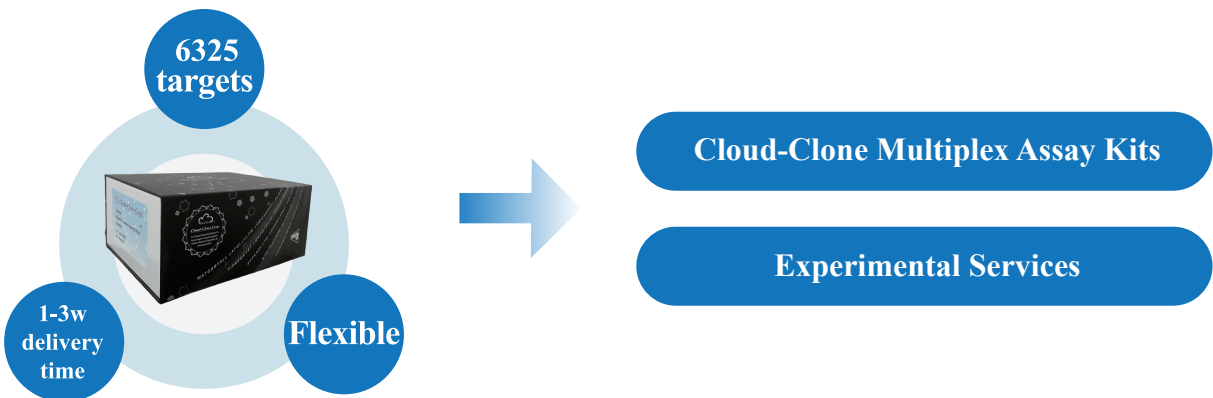
Cloud-Clone Corp.

# Cloud-Clone Multiplex Assay Kits

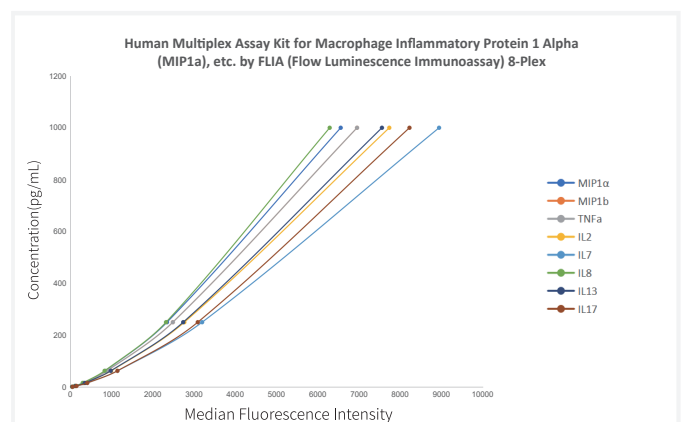
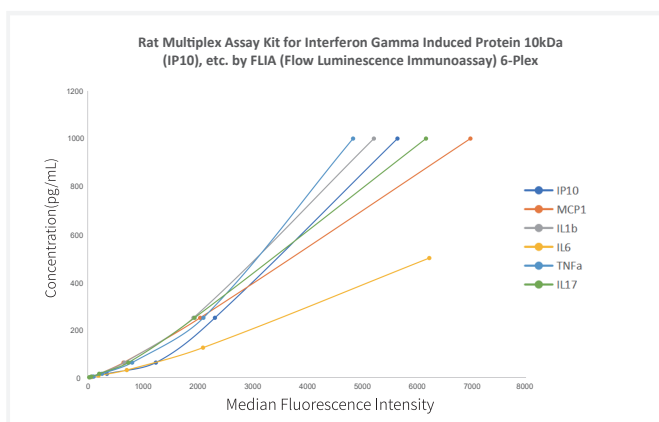
(Flow Luminescence Immunoassay)

Cloud-Clone Multiplex Assay Kits, based on Multiplex xMAP technology, enable to make rapid and efficient analysis of multiple targets in a single well. Compared to ELISA, Multiplex Assay Kit can provide more data from each sample of plasma, serum, tissue lysates and cell culture supernates, which is a key feature when sample volume is limited. Furthermore, you can achieve a more comprehensive study of protein signaling in your precious sample with a single trial.

## Simultaneous analysis of multiple targets with only 20μL samples



## Typical Standard Curve for Multiplex Assay Kit



## Product Advantages of Cloud-Clone Multiplex Assay Kits



### Wider detection range

1,000-10,000 times more 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



### Small sample volume

Minimum volume: 20μL



### Save time and money

Up to 8 targets can be simultaneously profiled

## Cloud-Clone Multiplex Assay Kits (PART)

CAT	Product Name	Analytes	Contents	Research Field
IS135-1	Interleukin 1 Beta (IL1b) 7-plex Mouse Magnetic Multiplex Assay Kit	IL-1b, IL-2, IL-6, IL-10, IL-17, IL-22, TNFa	LMA563Mu, LMA073Mu, LMA079Mu, LMA056Mu, LMA063Mu, LMC032Mu, LMA133Mu	Mouse Cytokine Panel, 7 plex
IS135-2	Interleukin 2 (IL2) 5-plex Mouse Magnetic Multiplex Assay Kit	IL-2, IL-4, IL-5, TNFa, IFNg	LMA073Mu, LMA077Mu, LMA078Mu, LMA133Mu, LMA049Mu	Mouse Cytokine Panel, 5 plex
IS135-3	Interleukin 2 (IL2) 5-plex Rat Magnetic Multiplex Assay Kit	IL-2, IL-4, IL-5, TNFa, IFNg	LMA073Ra, LMA077Ra, LMA078Ra, LMA133Ra, LMA049Ra	Rat Cytokine Panel, 5 plex
IS135-4	Tumor Necrosis Factor Alpha (TNFa) 5-plex Mouse Magnetic Multiplex Assay Kit	TNFa, IFNg, IL-6, IL-10, IL-17	LMA133Mu, LMA049Mu, LMA079Mu, LMA056Mu, LMA063Mu	Mouse Cytokine Panel, 5 plex
IS135-5	Interferon Gamma (IFNg) 2-plex Human Magnetic Multiplex Assay Kit	IFNg, IL-6	LMA049Hu, LMA079Hu	Human Cytokine Panel, 2 plex
IS135-6	Macrophage Inflammatory Protein 1 Beta (MIP1b) 2-plex Human Magnetic Multiplex Assay Kit	MIP1b, IFNg	LMA093Hu, LMA049Hu	Human Cytokine Panel, 2 plex
IS135-7	Thyroid Stimulating Hormone (TSH) 5-plex Human Magnetic Multiplex Assay Kit	TSH, T3, T4, fT3, fT4	LMA463Hu, LMA453Ge, LMA452Ge, LMA186Ge, LMA185Ge	Human Thyroid Function Panel, 5 plex
IS135-8	Interleukin 1 Beta (IL1b) 4-plex Mouse Magnetic Multiplex Assay Kit	IL-1b, IL-6, IL-10, TNFa	LMA563Mu, LMA079Mu, LMA056Mu, LMA133Mu	Mouse Cytokine Panel, 4 plex
IS135-9	Interleukin 1 Beta (IL1b) 7-plex Mouse Magnetic Multiplex Assay Kit	IL-1b, IL-4, IL-6, IL-12, IL-13, IL-15, TNFa	LMA563Mu, LMA077Mu, LMA079Mu, LMA111Mu, LMA060Mu, LMA061Mu, LMA133Mu	Mouse Cytokine Panel, 7 plex
IS135-10	Regulated On Activation In Normal T-Cell Expressed And Secreted (CCL-5) 6-plex Mouse Magnetic Multiplex Assay Kit	CCL-5, IL-1a, TNFa, CXCL-10, CXCL-11, IFNb	LMA116Mu, LMA071Mu, LMA133Mu, LMA371Mu, LMC071Mu, LMA222Mu	Mouse Cytokine Panel, 6 plex

IS135-11	Brain Derived Neurotrophic Factor (BDNF) 4-plex Human Magnetic Multiplex Assay Kit	BDNF, CNTF, GDNF, NGFb	LMA011Hu, LMA021Hu, LMA043Hu, LMA105Hu	Human Neurotransmitter Panel, 4 plex
IS135-12	Brain Derived Neurotrophic Factor (BDNF) 8-plex Human Magnetic Multiplex Assay Kit	BDNF, IL-1RA, IL-10, IL-15, IL-8(CXCL8), IL-6, LIF, TNFa	LMA011Hu, LMA223Hu, LMA056Hu, LMA061Hu, LMA080Hu, LMA079Hu, LMA085Hu, LMA133Hu	Human Cytokine Panel, 8 plex
IS135-13	Calbindin (CALB) 5-plex Rat Magnetic Multiplex Assay Kit	Calbindin, KIM-1, OPN, TFF3, VEGF-A	LMG438Ra, LMA785Ra, LMA899Ra, LMB656Ra, LMA143Ra	Rat Osteoporosis Panel, 5 plex
IS135-14	Eosinophil Chemotactic Factor (ECF) 8-plex Rat Magnetic Multiplex Assay Kit	Eotaxin(CCL11), GROa(CXCL1), IP-10(CXCL10), MCP-1(CCL2), MCP-3(CCL7), MIP-1a(CCL3), MIP-2, CCL5	LMA025Ra, LMA041Ra, LMA371Ra, LMA087Ra, LMA089Ra, LMA092Ra, LMB603Ra, LMA116Ra	Rat Chemokine Panel, 8 plex
IS135-15	Colony Stimulating Factor 3, Granulocyte (GCSF) 8-plex Human Magnetic Multiplex Assay Kit	GM-CSF, IFN- $\gamma$ , IL-2, IL-4, IL-6, IL-8, IL-10, TNF- $\alpha$	LMA045Hu, LMA049Hu, LMA073Hu, LMA077Hu, LMA079Hu, LMA080Hu, LMA056Hu, LMA133Hu	Human Cytokine Panel, 8 plex
IS135-16	Interferon alpha (IFNa) 2-plex Mouse Magnetic Multiplex Assay Kit	IFNa, IFNb	LMA033Mu, LMA222Mu	Mouse Cytokine Panel, 2 plex
IS135-17	Matrix Metalloproteinase 1 (MMP1) 5-plex Human Magnetic Multiplex Assay Kit	MMP-1, MMP-2, MMP-7, MMP-9, MMP-10	LMA097Hu, LMA100Hu, LMA102Hu, LMA553Hu, LMA098Hu	Human MMPs Panel, 5 plex
IS135-18	Matrix Metalloproteinase 2 (MMP2) 3-plex Human Magnetic Multiplex Assay Kit	MMP-2, MMP-3, MMP-9	LMA100Hu, LMA101Hu, LMA553Hu	Human MMPs Panel, 3 plex
IS135-19	Gamma-Aminobutyric Acid (gABA) 5-plex Human Magnetic Multiplex Assay Kit	gABA, 5-HT, DA, MT, CPP	LMA900Ge, LMA808Ge, LMA851Ge, LMA908Ge, LMA365Hu	Human Neurotransmitter Panel, 5 plex
IS135-20	Caspase 1 (CASP1) 6-plex Human Magnetic Multiplex Assay Kit	CASP1, CASP4, CASP5, NLRP3, GSDMD, NLRC4	LMB592Hu, LMB735Hu, LMA770Hu, LMK115Hu, LME529Hu, LML954Hu	Human Cell Pyroptosis Panel, 6 plex
IS135-21	Interleukin 17F (IL17F) 8-plex Human Magnetic Multiplex Assay Kit	IL17F, MCP3, IL2, BDNF, Osteocalcin, PINP, ALPL, MIP1a	LMB955Hu, LMA089Hu, LMA073Hu, LMA011Hu, LMA471Hu, LMA957Hu, LMB091Hu, LMA092Hu	Human Osteoporosis Panel, 8 plex
IS135-22	Interferon Inducible T-Cell Alpha Chemoattractant (ITaC) 8-plex Human Magnetic Multiplex Assay Kit	ITaC, MIP1a, MIP1b, TNFa, GM-CSF, IL8, IFNg, IL10	LMC071Hu, LMA092Hu, LMA093Hu, LMA133Hu, LMA045Hu, LMA080Hu, LMA049Hu, LMA056Hu	Human Immune Response Panel, 8 plex
IS135-23	Mucin 5 Subtype AC (MUC5AC) 3-plex Human Magnetic Multiplex Assay Kit	MUC5AC, MUC5B, sIgA	LMA756Hu, LMA684Hu, LMA641Hu	Human Mucosal Immunity Panel, 3 plex
IS135-24	Collagen Type I Alpha 1 (COL1a1) 6-plex Human Magnetic Multiplex Assay Kit	COL1a1, RANKL, Osteopontin, Osteocalcin, AlkalinePhosphatase, RUNX2	LMA350Hu, LMA855Hu, LMA899Hu, LMA471Hu, LMB472Hu, LMB011Hu	Human Arteriosclerosis Panel, 6plex
IS135-25	Sclerostin (SOST) 8-plex Human Magnetic Multiplex Assay Kit	SOST, OPG, BMP2, Osteocalcin, RUNX2, KlothoKL, MGP, S100A11	LMC864Hu, LMA108Hu, LMA013Hu, LMA471Hu, LMB011Hu, LMH757Hu, LMB477Hu, LMA568Hu	Human Osteogenic Factor Panel, 8 plex
IS135-26	Angiopoietin 1 (ANGPT1) 8-plex Human Magnetic Multiplex Assay Kit	ANGPT1, ANGPT2, HIF1a, HIF2a, VEGFA, VEGFB, FGF1, PDGFAB	LMA008Hu, LMA009Hu, LMA798Hu, LMD466Hu, LMA143Hu, LMA144Hu, LMA032Hu, LMA436Hu	Human Immune Response Panel, 8 plex
IS135-27	Claudin 1 (CLDN1) 8-plex Human Magnetic Multiplex Assay Kit	CLDN1, CLDN2, CLDN3, CLDN4, CLDN5, CLDN6, CLDN8, CLDN18	LMC388Hu, LMF292Hu, LMF293Hu, LMF294Hu, LMF295Hu, LMQ257Hu, LMF298Hu, LMB100Hu	Human Claudin Panel, 8 plex

IS135-28	Tumor Necrosis Factor Alpha (TNFa) 4-plex Human Magnetic Multiplex Assay Kit	TNFa, IL6, IL1b, IL8	LMA133Hu, LMA079Hu, LMA563Hu, LMA080Hu	Human Cytokine Panel, 4 plex
IS135-29	Glutathione Peroxidase 4 (GPX4) 5-plex Human Magnetic Multiplex Assay Kit	GPX4, P53, FTH, TFR, TNFa	LMC994Hu, LMA928Hu, LMD021Hu, LMB171Hu, LMA133Hu	Human Ferroptosis Panel, 5 plex
IS135-30	Chemokine (C-X-C Motif) Ligand 2 (CXCL2) 8-plex Human Magnetic Multiplex Assay Kit	CXCL2, GCP2, CXCL7, SDF1, BLC, CXCL14, CXCL16, CXCL17	LMB603Hu, LMB570Hu, LMA370Hu, LMA122Hu, LMB601Hu, LMB607Hu, LMA771Hu, LMC068Hu	Human Chemokine Panel, 8 plex
IS135-31	Clara Cell Protein 16 (CC16) 8-plex Human Magnetic Multiplex Assay Kit	CC16, RNASE3, MMP2, MMP3, MMP8, MMP9, TIMP1, BGN	LMA857Hu, LMB758Hu, LMA100Hu, LMA101Hu, LMA103Hu, LMA553Hu, LMA552Hu, LMJ226Hu	Human Fibrosis Panel, 8 plex
IS135-32	Receptor For Advanced Glycation Endproducts (RAGE) 5-plex Human Magnetic Multiplex Assay Kit	RAGE, SPD, HGF, MMP1, MMP12	LMA645Hu, LMB039Hu, LMA047Hu, LMA097Hu, LMA402Hu	human Pulmonary Fibrosis Panel, 5 plex
IS135-33	Terminal Complement Complex C5b-9 (C5b-9) 6-plex Human Magnetic Multiplex Assay Kit	C5b-9, PON1, GREM1, LDH, RNASE3, GAS6	LMC350Hu, LMA243Hu, LMC128Hu, LMB864Hu, LMB758Hu, LMA204Hu	Human Tumor Panel, 6 plex
IS135-34	Procollagen I N-Terminal Propeptide (PINP) 4-plex Mouse Magnetic Multiplex Assay Kit	PINP, CTXI, CH, CTN	LMA957Mu, LMA665Mu, LMB701Ge, LMV806Ge	Mouse Bone Metabolism Panel, 4 plex
IS135-35	Monocyte Chemoattractant Protein 1 (MCP1) 5-plex Mouse Magnetic Multiplex Assay Kit	MCP1, GCSF, MCSF, IL12, IL2	LMA087Mu, LMA042Mu, LMA090Mu, LMA111Mu, LMA073Mu	Mouse Immune Monitoring Panel, 5 plex
IS135-36	Interleukin 4 (IL4) 8-plex Mouse Magnetic Multiplex Assay Kit	IL4, IL5, IL13, IFNg, ECF, TNFa, IL10, IL1b	LMA077Mu, LMA078Mu, LMA060Mu, LMA049Mu, LMA025Mu, LMA133Mu, LMA056Mu, LMA563Mu	Mouse Cytokine Panel, 8 plex
IS135-37	Matrix Metalloproteinase 1 (MMP1) 6-plex Mouse Magnetic Multiplex Assay Kit	MMP1, LEP, TIMP2, COL4a1, COL4, S100B	LMA097Mu, LMA084Mu, LMA128Mu, LMA149Mu, LMA180Mu, LMA567Mu	Mouse Cerebral Injury Panel, 6 plex
IS135-38	Procollagen III N-Terminal Propeptide (PIIINP) 7-plex Mouse Magnetic Multiplex Assay Kit	PIIINP, THBS1, DKK1, RANKL, TSPAN30, IDO, MBP	LMA573Mu, LMA611Mu, LMA741Mu, LMA855Mu, LMB345Mu, LMB547Mu, LMA539Mu	Mouse Rheumatoid Panel, 7 plex
IS135-39	Lactate Dehydrogenase (LDH) 7-plex Mouse Magnetic Multiplex Assay Kit	LDH, ACE2, AGC, ANXA2, OGN, GPX4, PCIII	LMB864Mu, LMB886Mu, LMB908Mu, LMB944Mu, LMC688Mu, LMC994Mu, LMD087Mu	Mouse Bone Metabolism Panel, 7 plex
IS135-40	Nuclear Factor Kappa B (NFkB) 3-plex Rat Magnetic Multiplex Assay Kit	NFkB, STAT3, PKBa	LMB824Ra, LMB743Mi, LMC231Ra	Rat Apoptosis Panel, 3 plex
IS135-41	Terminal Complement Complex C5b-9 (C5b-9) 7-plex Rat Magnetic Multiplex Assay Kit	C5b-9, S100B, CAT, SFRP4, SEMA3A, RANKL, UMOD	LMC350Ra, SEA567Ra, LMC418Ra, LMF878Ra, SEL917Ra, LMA855Mu, LMG918Ra	Rat Nerve Injury Panel, 7 plex
IS135-42	Heparan Sulfate Proteoglycan (HSPG) 7-plex Rat Magnetic Multiplex Assay Kit	HSPG, ADAMTS4, DEFb1, DEFa1, NAP3, KL, HSPG	LMA565Ra, LMK204Ra, LMB373Ra, LMB705Ra, LMA041Ra, LMH757Ra, LMA565Ra	Rat Tumor Panel, 7 plex
IS135-43	High Mobility Group Protein 1 (HMG1) 5-plex Rat Magnetic Multiplex Assay Kit	HMG1, DEFa1, FBN1, FNDC5, MT1	LMA399Ra, LMB705Ra, LMA593Ra, LMN576Ra, LMB119Ra	Rat Obesity Panel, 5 plex

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