

HUMAN

Immunology

Human Cytokine/Chemokine/ Growth Factor Panel A

☐ (Cat. No. HCYTA-60K)	
38 (Cat. No. HCYTA-60K-PX38) ♦	
38 (Cat. No. HCYTA-60K-PXBK38) ♦	
48 (Cat. No. HCYTA-60K-PX48)	
48 (Cat. No. HCYTA-60K-PXBK48)	
sCD40L	IL-13 ♦
EGF ♦	IL-15 ♦
Eotaxin/CCL11 ♦	IL-17A/CTLA8 ♦
FGF-2/FGF-basic	IL-17E/IL-25 ♦
Flt3 Ligand	IL-17F ♦
Fractalkine/CX3CL1	IL-18 ♦
G-CSF ♦	IL-22 ♦
GM-CSF ♦	IL-27
GRO α	IP-10/CXCL10 ♦
IFN α 2 ♦	MCP-1/CCL2 ♦
IFN γ ♦	MCP-3/CCL7
IL-1 α ♦	M-CSF ♦
IL-1 β ♦	MDC/CCL22
IL-1RA ♦	MIG/CXCL9 ♦
IL-2 ♦	MIP-1 α /CCL3 ♦
IL-3 ♦	MIP-1 β /CCL4 ♦
IL-4 ♦	PDGF-AA ♦
IL-5 ♦	PDGF-AB/BB ♦
IL-6 ♦	RANTES/CCL5 ♦▲ ^o
IL-7 ♦	TGF α
IL-8/CXCL8 ♦	TNF α ♦
IL-9	TNF β /Lymphotoxin- α (LTA) ♦
IL-10 ♦	VEGF-A ♦
IL-12 (p40) ♦	
IL-12 (p70) ♦	

Human Cytokine/Chemokine/ Growth Factor Panel B **NEW**

☐ (Cat. No. HCYTB-60K)	
38 (Cat. No. HCYTB-60K-PX38) ♦	
38 (Cat. No. HCYTB-60K-PXBK38) ♦	
48 (Cat. No. HCYTB-60K-PX48)	
48 (Cat. No. HCYTB-60K-PXBK48)	
6Ckine/CCL21 ♦	IL-20 ♦
BCA-1/CXCL13 ♦	IL-24
sFAS/TNFRSF6 ♦	IL-28A/IFN λ 2 ♦
sFASL ♦	IL-31 ♦
sCD137/4-1BB/ TNFRSF9 ♦	IL-29/IFN λ 1 ♦
APRIL ♦	IL-33/NF-HEV (mature) ♦
BAFF/Blys ♦	IL-21 ♦
IL-16 ♦	IL-34
CCL28	LIF ♦
CTACK/CCL27 ♦	Lymphotoxin/XCL1
CXCL16	MCP-2/CCL8 ♦
ENA-78/CXCL5 ♦	MCP-4/CCL13 ♦
Granzyme A ♦	MIP-1 δ /MIP-5/ CCL15 ♦
Eotaxin-2/CCL24/ MPIF-2 ♦	MIP-3 α /CCL20 ♦
Eotaxin-3/CCL26 ♦	I-TAC/CXCL11 ♦
IL-35	MIP-3 β /CCL19
CXCL6/GCP-2	MPIF-1/CCL23
HMGB1 ♦	SCF ♦
I-309/CCL1 ♦	SDF-1/CXCL12 ♦
Granzyme B ♦	TARC/CCL17 ♦
IFN β ♦	TPO ♦
IFN ω ♦	TRAIL/TNFSF10 ♦
IL-11	TSLP ♦
IL-23 ♦	Perforin ♦

Human Cytokine/Chemokine Panel II

☐ (Cat. No. HCP2MAG-62K)	
25 (Cat. No. HCP2MAG-62K-PX23)	
25 (Bulk Cat. No. HCP2MAG62KPX23BK)	
6Ckine/CCL21/ Exodus-2	IL-28A/IFN λ 2
BCA-1/CXCL13	IL-33/NF-HEV (mature)
CTACK/CCL27	LIF
ENA-78/CXCL5	MCP-2/CCL8
Eotaxin-2/CCL24/ MPIF-2	MCP-4/CCL13
Eotaxin-3/CCL26	MIP-1 δ /MIP-5/CCL15
I-309/CCL1	SCF
IL-16	SDF-1/CXCL12
IL-20	TARC/CCL17
IL-21	TPO
IL-23	TRAIL/TNFSF10
	TSLP

Human Cytokine/Chemokine Panel III

(Cat. No. HCP3MAG-63K)	
HCC-1/CCL14 ▲	M-CSF
IL-11	MIG/CXCL9
IL-29/IFN λ 1	MIP-3 α /CCL20
I-TAC/CXCL11	MIP-3 β /CCL19
CXCL6/GCP-2	NAP-2/CXCL7 ▲
Lymphotoxin/XCL1	

Human Cytokine/Chemokine Panel IV

☐ (Cat. No. HCP4MAG-64K)	
20 (Cat. No. HCY4MG-64K-PX20)	
20 (Bulk Cat. No. HCP4MG64KPX20BK)	
BAFF/Blys	IL-28B/IFN λ 3
BRAK/CXCL14	IL-32 α
CCL28	IL-34
CXCL16	IL-35
HCC-4/CCL16	IL-36 β /IL-1F8
HMGB1 ●	IL-37/IL-1F7
IFN β	IL-38/IL-1F10
IL-14/ α -Taxilin	MIP-4/PARC/CCL18
IL-19	MPIF/CCL23
IL-24	YKL40/CHI3L1

Human IL-18 Singleplex

(Cat. No. HIL18MAG-66K)	
IL-18	

Human High Sensitivity T Cell

☐ (Cat. No. HSTCMAG-28SK)	
15 (Cat. No. HSTCMAG28SPMX13) ♦	
15 (Bulk Cat. No. HSTCMAG28SPMX13BK) ♦	
21 (Cat. No. HSTCMAG28SPMX21)	
21 (Bulk Cat. No. HSTCMAG28SPMX21BK)	
Fractalkine/CX3CL1	IL-12 (p70) ♦
GM-CSF ♦	IL-13 ♦
IFN γ ♦	IL-17A/CTLA8
IL-1 β ♦	IL-21
IL-2 ♦	IL-23
IL-4 ♦	I-TAC/CXCL11
IL-5 ♦	MIP-1 α /CCL3
IL-6 ♦	MIP-1 β /CCL4
IL-7 ♦	MIP-3 α /CCL20
IL-8/CXCL8 ♦	TNF α ♦
IL-10 ♦	

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Legend key for MILLIPLEX® kits

† Analytes which cannot be plexed together:
– Active and total
– Free and total
♦ Available in Cat. No. listed
▼ Premix panel only
Bulk indicates Space Saver Packaging
▲ These analytes cannot be plexed with other analytes in this panel in serum/plasma

▶ Requires a protease inhibitor during sample collection
■ Requires sample extraction
** No standard/QC; antibody levels are reported as MFIs (Median Fluorescence Intensities)
● Serum/Plasma only
★ Tissue Culture samples only

^ Competitive assay format
☐ Available for custom premix
◦ Analyte requires a different sample dilution from others in panel
○ Analyte cannot be measured in serum
Requires sample acidification
s Analyte cannot be measured in plasma
u Urine only

384-Well Human High Sensitivity T Cell

(Cat. No. HSTC384-28K)

21 (Cat. No. HSTCMAG384-PX21)

21 (Bulk Cat. No. HSTCMAG384PX21BK)

Fractalkine/CX3CL1	IL-12 (p70)
GM-CSF	IL-13
IFN γ	IL-17A/CTLA8
IL-1 β	IL-21
IL-2	IL-23
IL-4	I-TAC/CXCL11
IL-5	MIP-1 α /CCL3
IL-6	MIP-1 β /CCL4
IL-7	MIP-3 α /CCL20
IL-8/CXCL8	TNF α
IL-10	

Human Th17

(Cat. No. HTH17MAG-14K)

25 (Cat. No. HT17MG-14K-PX25)

25 (Bulk Cat. No. HT17MAG14PMX25BK)

GM-CSF	IL-17E/IL-25
IFN γ	IL-17F
IL-1 β	IL-21
IL-2	IL-22
IL-4	IL-23
IL-5	IL-27
IL-6	IL-28A/IFN λ 2
IL-9	IL-31
IL-10	IL-33/NF-HEV (mature)
IL-12 (p70)	MIP-3 α /CCL20
IL-13	TNF α
IL-15	TNF β /Lymphotoxin- α (LTA)
IL-17A/CTLA8	

Human CD8+ T Cell

17 (Cat. No. HCD8MAG-15K)

17 (Cat. No. HCD8MAG15K17PMX)

17 (Bulk Cat. No. HCD8MAG15KPX17BK)

sCD137/4-1BB/ TNFRSF9	IL-4
sFAS/TNFRSF6	IL-5
sFasL	IL-6
GM-CSF	IL-10
Granzyme A	IL-13
Granzyme B	MIP-1 α /CCL3
IFN γ	MIP-1 β /CCL4
IL-2	Perforin
	TNF α

Human Soluble Cytokine Receptor

(Cat. No. HSCRMAG-32K)

14 (Cat. No. HSCRMAG32KPX14)

14 (Bulk Cat. No. HSCRMAG32PMX14BK)

sCD30	sIL-6R
sEGFR/sHER1/ErbB1	sRAGE
sGP130	sTNF RI
sIL-1RI	sTNF RII
sIL-1RII	sVEGFR1/sFlt-1
sIL-2R α	sVEGFR2/sKDR/sFlk-1
sIL-4R	sVEGFR3/sFlt-4

Human Complement Expanded Panel 1 **NEW**

1 (Cat. No. HCMPEX1-19K)

Adipsin/Factor D	C9
C2	Factor I
C4b	Mannose-Binding Lectin (MBL)
C5	Properdin
C5a	

Human Complement Panel 2

1 (Cat. No. HCMP2MAG-19K)

C1q	C4
C3	Factor B
C3b	Factor H

Human MMP Panel 1

(Cat. No. HMMP1MAG-55K)

MMP-3	MMP-13
MMP-12	

Human MMP Panel 2

(Cat. No. HMMP2MAG-55K)

MMP-1	MMP-9
MMP-2	MMP-10
MMP-7	

Human TIMP Panel 1 (Serum/Plasma samples)

(Cat. No. HTMP1MAG-54K)

TIMP-1	TIMP-2
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Human TIMP Panel 2 (Cell culture samples)

(Cat. No. HTMP2MAG-54K)

TIMP-1	TIMP-3
TIMP-2	TIMP-4

Human Fibrosis Panel 1

(Cat. No. HFIB1-100K)

COMP	Uteroglobin
IL-18BP α	

Human Interferon **NEW**

(Cat. No. HIFN-130K)

9 (Cat. No. HIFN-130K-PMX9)

IFN α 2	IFN ϵ
IFN β	IFN ω
IFN γ	IL-28A/IFN λ 2
IFN γ Receptor 1 (IFNGR1)	IL-28B/IFN λ 3
	IL-29/IFN λ 1

Immune Response

Human Autoimmune Autoantibody**

(Cat. No. HAIAB-10K)

QUALITATIVE KIT

β 2-Glycoprotein	PM/Sci 100
C1q	Proteinase 3
CENP-A	Ribosomal P
CENP-B	RNP
Jo-1	RNP/Sm
Ku	Sci-70
Mi-2	Sm
Myeloperoxidase (MPO)	SSA/Ro52
PCNA	SSA/Ro60
PL-12 (Alanyl-tRNA Synthetase)	SSB/La

Human Cytokine Autoantibody Expanded IgG, IgA, and IgM** **NEW**

IgG (Cat. No. HCYTABG-17K)

IgA (Cat. No. HCYTABA-17K)

IgM (Cat. No. HCYTABM-17K)

QUALITATIVE KIT

BAFF/Blys	IL-8/CXCL8
G-CSF	IL-10
GM-CSF	IL-12 (p40)
IFN α 2	IL-15
IFN β	IL-17A/CTLA8
IFN γ	IL-17F
IFN ω	IL-18
IL-1 α	IL-22
IL-2	Osteopontin
IL-3	PF4
IL-4	TNF α
IL-6	

Human Sepsis Panel 1

(Cat. No. HSP1MAG-63K)

sFAS/TNFRSF6	MIF
sFasL	PAI-1 (total)
sICAM-1	sVCAM-1

Human Sepsis Panel 2

(Cat. No. HSP2MAG-63K)

Granzyme B	MIP-1 α /CCL3
HSP70	MIP-1 β /CCL4
IL-1 α	MMP-8
IL-8/CXCL8	

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Human Sepsis Panel 3

(Cat. No. HSP3MAG-63K)

Lactotransferrin (LTF)	Resistin
Neutrophil Elastase-2 (ELA2)	Thrombospondin-1 (TSP-1)
NGAL/Lipocalin-2	

Human Immunoglobulin Isotyping

☐ (Cat. No. HGAMMAG-301K)

IgA	IgG3
IgG1	IgG4
IgG2	IgM

Human IgE – Singleplex

(Cat. No. HGAMMAG-303E)

IgE

Virology**SARS-CoV-2 Antigen Panel 1 IgA****

(Cat. No. HC19SERA1-85K)

QUALITATIVE KIT

SARS-CoV-2 N	SARS-CoV-2 Spike S1
SARS-CoV-2 RBD	SARS-CoV-2 Spike S2

SARS-CoV-2 Antigen Panel 1 IgG**

(Cat. No. HC19SERG1-85K)

QUALITATIVE KIT

SARS-CoV-2 N	SARS-CoV-2 Spike S1
SARS-CoV-2 RBD	SARS-CoV-2 Spike S2

SARS-CoV-2 Antigen Panel 1 IgM**

(Cat. No. HC19SERM1-85K)

QUALITATIVE KIT

SARS-CoV-2 N	SARS-CoV-2 Spike S1
SARS-CoV-2 RBD	SARS-CoV-2 Spike S2

For Research Use Only. Not For Use In Diagnostic Procedures.

Metabolism/Endocrinology**Human Adipokine Panel 1 (Serum/Plasma samples)**

(Cat. No. HADK1MAG-61K)

Adiponectin	PAI-1 (total)
Adipsin/Factor D	Resistin
NGAL/Lipocalin-2	

Human Adipokine Panel 2 (Serum/Plasma samples)

(Cat. No. HADK2MAG-61K)

IL-1β	Leptin
IL-6	MCP-1/CCL2
IL-8/CXCL8	NGF
Insulin	TNFα

Human Adipocyte (Cell culture samples)

(Cat. No. HADCYMAG-61K)

Adiponectin	MCP-1/CCL2
HGF	NGF
IL-1β	PAI-1 (total)
IL-6	Resistin
IL-8/CXCL8	TNFα
Leptin	

Human Diabetes ▼

⑤ (Cat.No. HDIAB-34K-PMX5)

⑤ (Bulk Cat. No. HDIAB34KPMX5BK)

NON-CONFIGURABLE KIT

C-Peptide	Insulin
GLP-1 (active) †	Leptin
Glucagon †	

Human Metabolic Hormone V3

(Cat. No. HMH3-34K)

Amylin (active) † ‡	Insulin
Amylin (total) † ‡	Leptin
C-Peptide	MCP-1/CCL2
Ghrelin (active) †	Pancreatic Polypeptide (PP)
GIP (total)	PYY (total)
GLP-1 (active) † ‡	Secretin
GLP-1 (total) † ‡	TNFα
Glucagon †	
IL-6	

Human Myokine

(Cat. No. HMYOMAG-56K)

Apelin	IL-15
BDNF	Irisin
Erythropoietin (EPO)	LIF
FABP3	Myostatin/GDF8
FGF-21	Oncostatin-M (OSM)
Fractalkine/CX3CL1	Osteocrin (OSTN)/Musclin
FSTL1	Osteonectin/SPARC
IL-6	

Human Aging Panel 1

(Cat. No. HAGE1MAG-20K)

CTACK/CCL27	IL-6
FGF-21	IL-10*
GDF-11	IL-18
GDF15	Jag1
GnRH	Leptin

Human Liver Protein

(Cat. No. HLPMMAG-57K)

α-Fetoprotein (AFP)	FGF-19
ANGPTL3	FGF-21
ANGPTL4	FGF-23
ANGPTL6	HGF
FABP1	

Human IGF Binding Protein †

(Cat. No. HIGFBMAG-53K)

IGFBP1	IGFBP5
IGFBP2	IGFBP6
IGFBP3°	IGFBP7
IGFBP4	

Human IGF ■

(Cat. No. HIGFMAG-52K)

IGF-1	IGF-2
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Human Pituitary Panel 1

(Cat. No. HPTP1MAG-66K)

ACTH	FSH
Agouti-Related Protein (AgRP)	GH
CNTF	LH
	TSH

Cardiovascular**Human CVD Panel 1**

(Cat. No. HCVD1MAG-67K)

BNP	LIGHT
CK-MB	NT proBNP
CXCL6/GCP-2	Oncostatin-M (OSM)
CXCL16	Placental Growth Factor (PIGF)
Endocan-1 (ESM-1)	Troponin I (TnI)
FABP3	
FABP4	

Human CVD Panel 2

(Cat. No. HCVD2MAG-67K)

ADAMTS13	Myoglobin
D-dimer ^s	NGAL/Lipocalin-2
GDF15	sP-Selectin
sICAM-1	Serum Amyloid A
Myeloperoxidase (MPO)	sVCAM-1

Legend key for MILLIPLEX® kits

† Analytes which cannot be plexed together:
– Active and total
– Free and total

◆ Available in Cat. No. listed

▼ Premix panel only

Bulk indicates Space Saver Packaging

▲ These analytes cannot be plexed with other analytes in this panel in serum/plasma

‡ Requires a protease inhibitor during sample collection

■ Requires sample extraction

** No standard/QC; antibody levels are reported as MFIs (Median Fluorescence Intensities)

● Serum/Plasma only

★ Tissue Culture samples only

^ Competitive assay format

☐ Available for custom premix

° Analyte requires a different sample dilution from others in panel

⊙ Analyte cannot be measured in serum

Requires sample acidification

^s Analyte cannot be measured in plasma

^u Urine only

**Human CVD Panel 3
(Acute Phase)**

(Cat. No. HCV3MAG-67K)

α-1-Acid Glycoprotein (AGP)	Haptoglobin
α-2-Macroglobulin	sL-Selectin
Adipsin/Factor D	Platelet Factor 4 (PF4)/CXCL4
CRP	Serum Amyloid P (SAP)
Fetuin A	
Fibrinogen ⊕	

Human CVD Panel 4

(Cat. No. HCV4MAG-67K)

sCD31/sPECAM-1	Thrombomodulin
sE-Selectin	Tissue Factor (TF)
Follistatin (FST)	Troponin T (TnT)
Pentraxin-3 (PTX3)	

Human CVD Panel 6

(Cat. No. HCV6MAG-67K)

sCD14	MCAM/MUC18
DPP4	Progranulin (pGRN)
Endostatin	ucMGP
LRG1	

Human Apolipoprotein

(Cat. No. APOMAG-62K)

Apo AI	Apo CII
Apo AII	Apo CIII
Apo B	Apo E

Bone**Human Bone**

(Cat. No. HBNMAG-51K)

ACTH	Osteocalcin (OC)
DKK1	Osteopontin (OPN)
FGF-23	Osteoprotegerin (OPG)
IL-1β	PTH
IL-6	Sclerostin (SOST)
Insulin	TNFα
Leptin	

Human RANKL – Singleplex

(Cat. No. HRNKMAG-51K-01)

RANKL

Cancer**Human Immuno-Oncology
Checkpoint Protein Panel 1**

(Cat. No. HCKP1-11K)

⑰ (Cat. No. HCKP1-11K-PX17)

⑰ (Bulk Cat. No. HCKP1-11K-PXBK17)

BTLA	HVEM
CD27	ICOS
CD28	LAG-3
CD40	PD-1
CD80/B7-1	PD-L1
CD86/B7-2	PD-L2
CTLA-4/CD152	TIM-3
GITR	TLR-2
GITRL	

**Human Immuno-Oncology
Checkpoint Protein Panel 2**

(Cat. No. HCKP2-11K)

4-1BBL/TNFSF9	FGL1/Hepassocin
5'-NT/CD73	Galectin-1
APRIL	Galectin-3
Arginase-1	Granulysin
B7-H2/ICOSL	Granzyme B
B7-H3/CD276	IDO1
B7-H4/VTCN1	MICA
B7-H5/VISTA	MICB
B7-H6	Nectin-2
BAFF/BLyS	Nectin-4
CD25/IL-2Rα	OX40/CD134
CD30/TNFRSF8	Perforin
CD40L	PVR/CD155
CD137/4-1BB	Siglec-7
CD226/DNAM-1	Siglec-9
E-Cadherin	

**Human Cancer
Autoantibody****

(Cat. No. HCABMAG-13K)

QUALITATIVE KIT

CCNB1/Cyclin B1	IGF2BP2/IMP2
CTAG1B/NY-ESO-1	IGF2BP3/IMP3
ENO1	Mucin-1 (MUC1)
Galectin-1 (GAL1)	P16-INK4a
Galectin-3 (GAL3)	p53
HER2/ErbB2	SOX2
HIF-1α	Survivin/BIRC5
HSP60	

**Human Circulating Cancer
Biomarker Panel 1**

(Cat. No. HCCBP1MAG-58K)

α-Fetoprotein (AFP)	IL-8/CXCL8
CA125	Leptin
CA15-3	MIF
CA19-9	Osteopontin (OPN)
CEA	Prolactin
CYFRA21-1	PSA (free)†
sFAS/TNFRSF6	PSA (total)†
sFasL	SCF
FGF-2/FGF-basic	TGFα
HCGβ	TNFα
HE4	TRAIL/TNFSF10
HGF	VEGF-A
IL-6	

**Human Circulating Cancer
Biomarker Panel 3**

(Cat. No. HCCBP3MAG-58K)

Cathepsin D	Melanoma Inhibitory Activity (MIA)
Ferritin	Myeloperoxidase (MPO)
Fibroblast Activation Protein (FAP)	Sex Hormone Binding Globulin (SHBG)
Galectin-3	
IGFBP3 ⊖	

**Human Circulating Cancer
Biomarker Panel 4**

(Cat. No. HCCB4MAG-58K)

ALDH1A1	Kallikrein-6
Carbonic Anhydrase 9 (CA9)	Mesothelin
CD44	Midkine
EpCAM	NCAM1/L1CAM/CD171
Hepsin	Transglutaminase 2 (TGM2)

**Human Cancer/Metastasis
Biomarker Panel 1**

(Cat. No. HCMBMAG-22K)

DKK1	Osteoprotegerin (OPG)
GDF15	Periostin
Neuron-specific Enolase (NSE)	TRAP5
Osteonectin/SPARC	TWEAK
	YKL40/CHI3L1

**Human Angiogenesis/Growth
Factor Panel 1**

(Cat. No. HAGP1MAG-12K)

Angiopoietin-2	HB-EGF
BMP-9	HGF
EGF	IL-8/CXCL8
Endoglin	Leptin
Endothelin-1	Placental Growth Factor (PIGF)
FGF-1/FGF-acidic	VEGF-A
FGF-2/FGF-basic	VEGF-C
Follistatin (FST)	VEGF-D
G-CSF	

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Human Angiogenesis Panel 2

(Cat. No. HANG2MAG-12K)

Angiostatin/Kringle	sIL-6Ra
sAXL	sNeuropilin-1 (sNRP-1)
sCD31/sPECAM-1	Osteopontin (OPN)
sc-Kit/sStem Cell Factor Receptor (SCFR)	PDGF-AB/BB
sE-Selectin	Thrombospondin-2 (TSP-2)
sEGFR/sHER1/sErbB1	sTIE-2
sHER2/sEGFR2/sErbB2	suPAR
sHER3/sEGFR3/sErbB3	sVEGFR1/sFlt-1
sHGFR/sc-Met	sVEGFR2/sKDR/sFlk-1
	sVEGFR3/sFlt-4

Neuroscience**Human Amyloid Beta and Tau (CSF samples)**

(Cat. No. HNABTMAG-68K)

Amyloid beta 1-40	pTau (Thr181)
Amyloid beta 1-42	Tau (total)

Human Neuroscience Panel 1 (CSF samples)

(Cat. No. HNS1MAG-95K)

α-Synuclein	PARK5/Uchl1
Glial Fibrillary Acidic Protein (GFAP)	PARK7/DJ1
Neuron-specific Enolase (NSE)	Transglutaminase 2 (TGM2)

Human Neuroscience Panel 2

(Cat. No. HNS2MAG-95K)

Angiogenin (ANG) ^o	Ferritin
ApoE4 ^o	Neurogranin (NRGN)
FABP3	TREM2

Human Neurodegenerative Disease Panel 1

(Cat. No. HNDG1MAG-36K)

α-2-Macroglobulin	Complement Factor C3
Apo AI	
Apo CIII	Complement Factor H (CFH)
Apo E	

Human Neurodegenerative Disease Panel 2

(Cat. No. HNDG2MAG-36K)

α-1-Antitrypsin (A1AT)	MIP-4/PARC/CCL18
C4	PEDF
CRP	Serum Amyloid P (SAP)

Human Neurodegenerative Disease Panel 3

(Cat. No. HNDG3MAG-36K)

BDNF	PAI-1 (total)
Cathepsin D	PDGF-AA
sICAM-1	PDGF-AB/BB
Myeloperoxidase (MPO)	RANTES/CCL5
sNCAM	sVCAM-1

Human Neurodegenerative Disease Panel 4 (CSF samples)

(Cat. No. HNDG4MAG-36K)

Amyloid beta 1-40	sRAGE
Amyloid beta 1-42	S100B
GDNF	

Human Neurological Disorders Panel 3

(Cat. No. HND3MAG-39K)

Angiotensinogen (AGT)	Osteopontin (OPN)
Contactin-1	Soluble Superoxide Dismutase 1 (sSOD1)
Fetuin A ^o	Soluble Superoxide Dismutase 2 (sSOD2)
Kallikrein-6	

Human Neuropeptide ■ ▲

(Cat. No. HNP MAG-35K)

α-MSH	Oxytocin
β-Endorphin	Substance P
Neurotensin	

Human Circadian Stress ■ ▲

(Cat. No. HNC SMAG-35K)

Cortisol	Melatonin
----------	-----------

Toxicity**Human Kidney Injury Panel 1 (Urine samples)**

(Cat. No. HKI1MAG-99K)

Calbindin	KIM-1
Collagen IV	Renin
GSTα	TFF-3
IP-10/CXCL10	TIMP-1

Human Kidney Injury Panel 2 (Urine samples)

(Cat. No. HKI2MAG-99K)

α-1-Microglobulin	EGF
Albumin	NGAL/Lipocalin-2
Clusterin	Osteopontin (OPN)
Cystatin C	

Human Kidney Injury Panel 4 (Serum/Plasma samples)

(Cat. No. HKI4MAG-99K)

EGF	Osteopontin (OPN)
FABP1	PTH
IP-10/CXCL10	Renin
KIM-1	

Human Kidney Injury Panel 5 (Serum/Plasma samples)

(Cat. No. HKI5MAG-99K)

α-1-Microglobulin	Osteoactivin
Collagen IV	TIMP-1
NGAL/Lipocalin-2	Uromodulin

Human Kidney Injury Panel 6 (Serum/Plasma samples)

(Cat. No. HKI6MAG-99K)

β-2-Microglobulin	Cystatin C
Clusterin	RBP4

Human Liver Injury

(Cat. No. HLINJ MAG-75K)

5'NT/CD73	MDH1
ARG1	SDH
GSTα	

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Legend key for MILLIPLEX® kits

† Analytes which cannot be plexed together:
 - Active and total
 - Free and total
 ◆ Available in Cat. No. listed
 ▼ Premix panel only
 Bulk indicates Space Saver Packaging
 ▲ These analytes cannot be plexed with other analytes in this panel in serum/plasma

▶ Requires a protease inhibitor during sample collection
 ■ Requires sample extraction
 ** No standard/QC; antibody levels are reported as MFIs (Median Fluorescence Intensities)
 ● Serum/Plasma only
 ★ Tissue Culture samples only

▲ Competitive assay format
 ● Available for custom premix
 ○ Analyte requires a different sample dilution from others in panel
 ⊙ Analyte cannot be measured in serum
 # Requires sample acidification
 § Analyte cannot be measured in plasma
 u Urine only

PRIMATE

Immunology

Non-Human Primate Cytokine/Chemokine /Growth Factor Panel A **NEW**

- (Cat. No. PRCYTA-40K)
- (Cat. No. PRCYTA-40K-PX38)◆
- (Cat. No. PRCYTA-40K-BK38)◆
- (Cat. No. PRCYTA-40K-PX48)
- (Cat. No. PRCYTA-40K-BK48)

BCA-1/CXCL13	IL-15◆
sCD137/4-1BB/ TNFRSF9◆	IL-16
sCD40L◆	IL-17A/CTLA8◆
Eotaxin/CCL11	IL-17E/IL-25
sFASL◆	IL-18◆
FGF-2/FGF-basic	IL-21◆
Fractalkine/CX3CL1	IL-22◆
G-CSF◆	IL-23◆
GM-CSF◆	IL-28A/IFNA2
Granzyme A◆	IL-31
Granzyme B◆	IL-33/NF-HEV (mature)◆
IFNa2◆	IP-10/CXCL10◆
IFNy◆	I-TAC/CXCL11◆
IL-1α	MCP-1/CCL2◆
IL-1β◆	MIG/CXCL9◆
IL-1RA◆	MIP-1α/CCL3◆
IL-2◆	MIP-1β/CCL4◆
IL-4◆	MIP-3α/CCL20◆
IL-5◆	Perforin◆
IL-6◆	RANTES/CCL5◆▲◆
IL-7◆	TGFα◆
IL-8/CXCL8◆	TNFα◆
IL-10◆	TNFβ/LTA
IL-12 (p70)◆	VEGF-A◆

Non-Human Primate Cytokine/Chemokine Panel 1

- (Cat. No. PRCYTOMAG-40K)
- (Cat. No. PCYTMG-40K-PX23)
- (Bulk Cat. No. PRCYMAG40PMX23BK)

sCD40L	IL-12/23 (p40)
G-CSF	IL-13
GM-CSF	IL-15
IFNy	IL-17A/CTLA8
IL-1β	IL-18
IL-1Ra	MCP-1/CCL2
IL-2	MIP-1α/CCL3
IL-4	MIP-1β/CCL4
IL-5	TGFα
IL-6	TNFα
IL-8/CXCL8	VEGF-A
IL-10	

Non-Human Primate Cytokine/Chemokine Panel 2

- (Cat. No. PRCYT2MAG40K)
- (Cat. No. PRCYTMAG40K-PX24)
- (Bulk Cat. No. PRCY2MG40PMX24BK)
- (Cat. No. PRCYTMAG40K-PX25)
- (Bulk Cat. No. PRCY2MG40PMX25BK)

sCD137/4-1BB/ TNFRSF9	IL-17E/IL-25
Eotaxin/CCL11	IL-21
sFasL	IL-22
FGF-2/FGF-basic	IL-23
Fractalkine/CX3CL1	IL-28A/IFNA2
Granzyme A	IL-31
Granzyme B	IL-33/NF-HEV (mature)
IL-1α	IP-10/CXCL10
IL-2	MIP-3α/CCL20
IL-4	Perforin
IL-6	RANTES/CCL5▲
IL-16	TNFβ/Lymphotoxin-α (LTA)
IL-17A/CTLA8	

Metabolism/ Endocrinology

Non-Human Primate Metabolic Hormone

(Cat. No. NHPMHMAG-45K)

Amylin (active)◆	Insulin
C-Peptide	Leptin
Ghrelin (active)◆	MCP-1/CCL2
GIP (total)	Pancreatic Polypeptide (PP)
GLP-1 (active)◆	PYY (total)
Glucagon◆	
IL-6	

Non-Human Primate Pituitary Panel 1

(Cat. No. NHPPT1MG-46K)

ACTH	FSH
Agouti-Related Protein (AgRP)	GH
CNTF	LH
	TSH

MOUSE

Immunology

Mouse Cytokine/Chemokine Panel 1

- (Cat. No. MCYTOMAG-70K)
- (Cat. No. MCYTOMAG-70K-PMX)◆
- (Bulk Cat. No. MCYTOMAG70PMX25BK)◆
- (Cat. No. MCYTOMAG-70K-PX32)
- (Bulk Cat. No. MCYTOMAG70PMX32BK)

Eotaxin/CCL11	IL-13◆
G-CSF◆	IL-15◆
GM-CSF◆	IL-17A/CTLA8◆
IFNy◆	IP-10/CXCL10◆
IL-1α◆	KC/GRO/CINC-1/ CXCL1◆
IL-1β◆	LIF
IL-2◆	LIX
IL-3	MCP-1/CCL2◆
IL-4◆	M-CSF
IL-5◆	MIG/CXCL9
IL-6◆	MIP-1α/CCL3◆
IL-7◆	MIP-1β/CCL4◆
IL-9◆	MIP-2/CXCL2◆
IL-10◆	RANTES/CCL5◆
IL-12 (p40)◆	TNFα◆
IL-12 (p70)◆	VEGF-A

Mouse Cytokine/ Chemokine Panel 2

- (Cat. No. MECY2MAG-73K)
- (Cat. No. MECY2MAG-73KPMX)
- (Bulk Cat. No. MECY2MAG73KPMX)

Erythropoietin (EPO)	IL-17A/F
Exodus-2/ CCL21/6Ckine	MCP-5/CCL12
Fractalkine/CX3CL1	MDC/CCL22
IFNβ1	MIP-3α/CCL20
IFNy	MIP-3β/CCL19
IL-11	TARC/CCL17
IL-16	

Mouse High Sensitivity T Cell

- (Cat. No. MHSTCMAG-70K)
- (Cat. No. MHSTCMAG-70KPMX)
- (Bulk Cat. No. MHSTCMAG-70KPMX)

GM-CSF	IL-10
IFNy	IL-12 (p70)
IL-1α	IL-13
IL-1β	IL-17A/CTLA8
IL-2	KC/GRO/CINC-1/ CXCL1
IL-4	LIX
IL-5	MCP-1/CCL2
IL-6	MIP-2/CXCL2
IL-7	TNFα

Non-Human Primate Cytokine Analysis

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Mouse Th17

- ☉ (Cat. No. MTH17MAG-47K)
 25 (Cat. No. MT17MAG47K-PX25)
 25 (Bulk Cat. No. MT17MAG47PMX25BK)

sCD40L	IL-17E/IL-25
GM-CSF	IL-17F
IFN γ	IL-21
IL-1 β	IL-22
IL-2	IL-23
IL-4	IL-27
IL-5	IL-28B/IFN λ 3
IL-6	IL-31
IL-10	IL-33/NF-HEV (mature)
IL-12 (p70)	MIP-3a/CCL20
IL-13	TNF α
IL-15	TNF β /Lymphotoxin- α (LTA)
IL-17A/CTLA8	

Mouse CD8+ T Cell

- ☉ (Cat. No. MCD8MAG-48K)
 15 (Cat. No. MCD8MAG48K-PX15)
 15 (Bulk Cat. No. MCD8MAG48KPX15BK)

sCD137/4-1BB/ TNFRSF9	IL-4
sFas/TNFRSF6	IL-5
sFasL	IL-6
GM-CSF	IL-10
Granzyme B	IL-13
IFN γ	MIP-1 β /CCL4
IL-2	RANTES/CCL5
	TNF α

Mouse Soluble Cytokine Receptor

- ☉ (Cat. No. MSCRMAG-42K)

sCD30	sRAGE
sGP130	sTNF RI
sIL-1RI	sTNF RII
sIL-1RII	sVEGFR1/sFlt-1
sIL-2Ra	sVEGFR2/sKDR/sFlk-1
sIL-4R	sVEGFR3/sFlt-4
sIL-6R	

Mouse MMP Panel 1 (Serum/Plasma samples)

- (Cat. No. M MMP1MAG-79K)

MMP-2	MMP-8
MMP-3	

Mouse MMP Panel 2 (Serum/Plasma samples)

- (Cat. No. M MMP2MAG-79K)

proMMP-9	MMP-12
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Mouse MMP Panel 3 (Cell culture samples)

- (Cat. No. M MMP3MAG-79K)

MMP-2	proMMP-9
MMP-3	MMP-12
MMP-8	

Immune Response**Mouse Immunoglobulin Isotyping**

- ☉ (Cat. No. MGAMMAG-300K)

IgA	IgG2b
IgG1	IgG3
IgG2a	IgM

Metabolism/Endocrinology**Mouse Adipokine (Serum/Plasma samples)**

- (Cat. No. MADKMAG-71K)

IL-6	PAI-1 (total)
Insulin	Resistin
Leptin	TNF α
MCP-1/CCL2	

Mouse Adipocyte (Cell culture samples)

- (Cat. No. MADCYMAG-72K)

Adiponectin	PAI-1 (total)
IL-6	Resistin
Leptin	TNF α
MCP-1/CCL2	

Mouse Adiponectin – Singleplex (Serum/Plasma samples)

- (Cat. No. MADPNMAG-70K-01)

Adiponectin

Mouse Metabolic Hormone Expanded

- (Cat. No. MMHE-44K)

Amylin (active) \blacktriangleright	Leptin
C-Peptide 2	MCP-1/CCL2
Ghrelin (active) \blacktriangleright	Pancreatic Polypeptide (PP)
GIP (total)	PYY (total)
GLP-1 (active) \blacktriangleright	Resistin
GLP-1 (total) \blacktriangleright	Secretin
Glucagon \blacktriangleright	TNF α
IL-6	
Insulin	

Mouse Myokine

- (Cat. No. MMYOMAG-74K)

BDNF	Irisin
Erythropoietin (EPO) \star	LIF
FGF-21	Myostatin/GDF8
Follistatin-like Protein 1 (FSTL1)	Oncostatin-M (OSM)
IL-6	Osteocrin (OSTN)/Musclin
IL-15	Osteonectin/SPARC

Mouse Aging Panel 1

- (Cat. No. MAGE1MAG-25K)

CTACK/CCL27	Jag1
FGF-21	Leptin
GnRH	Notch1
IL-6	TNF α

Mouse Pituitary

- (Cat. No. MPTMAG-49K)

ACTH	LH
BDNF	Prolactin
FSH	TSH
GH	

Cardiovascular**Mouse CVD Panel 1**

- (Cat. No. MCVD1MAG-77K)

sCD31/sPECAM-1	ProMMP-9
sE-Selectin	sP-Selectin
sICAM-1	Thrombomodulin
PAI-1 (total)	

Mouse CVD Panel 2

- (Cat. No. MCVD2MAG-77K)

sCD40L	Oncostatin M (OSM)
CXCL16	Placental Growth Factor 2
Endocan-1 (ESM-1)	Troponin I (TnI)
Follistatin (FST)	Troponin T (TnT)
LIGHT	

Legend key for MILLIPLEX® kits

- \dagger Analytes which cannot be plexed together:
 – Active and total
 – Free and total
 \blacklozenge Available in Cat. No. listed
 \blacktriangledown Premix panel only
 Bulk indicates Space Saver Packaging
 \blacktriangle These analytes cannot be plexed with other analytes in this panel in serum/plasma

- \blacktriangleright Requires a protease inhibitor during sample collection
 \blacksquare Requires sample extraction
 $\star\star$ No standard/QC; antibody levels are reported as MFIs (Median Fluorescence Intensities)
 \bullet Serum/Plasma only
 \star Tissue Culture samples only

- \wedge Competitive assay format
 \bullet Available for custom premix
 \circ Analyte requires a different sample dilution from others in panel
 \odot Analyte cannot be measured in serum
 $\#$ Requires sample acidification
 \S Analyte cannot be measured in plasma
 \cup Urine only

Mouse Acute Phase Panel 2

(Cat. No. MAP2MAG-76K)

α-1-Acid Glycoprotein (AGP)	CRP
α-2-Macroglobulin	Haptoglobin
Adipsin/Factor D	Serum Amyloid P (SAP)

Cancer**Mouse Angiogenesis / Growth Factor Panel 1**

(Cat. No. MAGPMAG-24K)

sALK-1	IL-6
Amphiregulin	IL-17A/CTLA8
Angiopoietin-2 ▲	KC/GRO/CINC-1/CXCL1
Betacellulin ▲	Leptin
sCD31/sPECAM-1 ▲	MCP-1/CCL2
EGF	MIP-1α/CCL3
Endoglin	MIP-1α/CCL3
Endothelin-1	Placental Growth Factor 2
sFasL	Prolactin
FGF-2/FGF-basic	SDF-1/CXCL12
Follistatin (FST)	TNFα
G-CSF	VEGF-A
HGF	VEGF-C
IL-1β	VEGF-D

Mouse Immuno-Oncology Checkpoint Protein Panel 1**NEW**

☐ (Cat. No. MCKP1-110K)

Ⓢ (Cat. No. MCKP1-110K-PX28)

Ⓢ (Bulk Cat No. MCKP1-110K-PBK28)

4-1BBL/TNFSF9	Galectin-1
5'-NT/CD73	Galectin-3
B7-H2/ICOSL	GITR
B7-H3/CD276	Granzyme B
BCA-1/CXCL13	HVEM
BTLA	IFNγ
CD137/4-1BB	IL-10
CD226/DNAM-1	LAG-3
CD25/IL-2Rα	PD-1
CD27	PD-L1
CD40	PD-L2
CD80/B7-1	TIM-3
CTLA-4/CD152	TLR-2
E-Cadherin	TNFα

Neuroscience**Mouse Amyloid Beta**

(Cat. No. MABMAG-83K)

Amyloid beta 1-40	Amyloid beta 1-42
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Mouse Neuropeptide ■ ^

(Cat. No. RMNPMAG-83K)

α-MSH	Oxytocin
β-Endorphin	Substance P
Neurotensin	

Toxicity**Mouse Kidney Injury Panel 1**

(Cat. No. MKI1MAG-94K)

β-2-Microglobulin ^u	Renin
IP-10/CXCL10	TIMP-1
KIM-1	VEGF-A ^u

Mouse Kidney Injury Panel 2

(Cat. No. MKI2MAG-94K)

Clusterin	NGAL/Lipocalin-2
Cystatin C	Osteopontin (OPN)
EGF	

RAT**Immunology****Rat Cytokine/Chemokine**

☐ (Cat. No. RECYTMAG-65K)

Ⓢ (Cat. No. RECYMAG65K27PMX)

Ⓢ (Bulk Cat. No. RECYMAG65PMX27BK)

EGF	IL-10
Eotaxin/CCL11	IL-12 (p70)
Fractalkine/CX3CL1	IL-13
G-CSF	IL-17A/CTLA8
GM-CSF	IL-18
KC/GRO/CINC-1/CXCL1	IP-10/CXCL10
IFNγ	Leptin
IL-1α	LIX
IL-1β	MCP-1/CCL2
IL-2	MIP-1α/CCL3
IL-4	MIP-2/CXCL2
IL-5	RANTES/CCL5
IL-6	TNFα
	VEGF

Metabolism/Endocrinology**Rat Adipokine (Serum/Plasma samples)**

(Cat. No. RADPKMAG-80K)

IL-1β	MCP-1/CCL2
IL-6	PAI-1 (total)
Insulin	TNFα
Leptin	

Rat Adipocyte (Cell culture samples)

(Cat. No. RADPCMAG-82K)

Adiponectin	MCP-1/CCL2
IL-1β	PAI-1 (total)
IL-6	TNFα
Leptin	

Rat Metabolic Hormone Expanded **NEW**

(Cat. No. RMHE-120K)

Amylin (active) [▶]	Insulin
C-Peptide 2	Leptin
Ghrelin (active) [▶]	MCP-1/CCL2
GIP (total)	Pancreatic Polypeptide (PP)
GLP-1 (active) ⁺ [▶]	PYY (total)
GLP-1 (total) ⁺ [▶]	Secretin
Glucagon [▶]	TNFα
IL-6	

Rat Myokine

(Cat. No. RMYOMAG-88K)

BDNF	IL-15
Erythropoietin (EPO)	Irisin
FGF-21	LIF
Follistatin-like Protein 1 (FSTL1)	Myostatin/GDF8
Fractalkine/CX3CL1	Osteocrin (OSTN)/Musclin
IL-6	Osteonectin/SPARC

Rat Pituitary

(Cat. No. RPTMAG-86K)

ACTH	LH
BDNF	Prolactin
FSH	TSH
GH	

Rat Stress Hormone ■

(Cat. No. RSHMAG-69K)

ACTH	Melatonin ^
Corticosterone ^	

Rat Thyroid

(Cat. No. RTHYMAG-30K)

T3 ^	TSH
T4 ^	

Cardiovascular**Rat Cardiac Injury Panel 1**

(Cat. No. RCI1MAG-87K)

Cardiac Troponin I (cTnI)	FABP3
Cardiac Troponin T (cTnT)	Follistatin-like Protein 1 (FSTL1)
Creatine Kinase Muscle (CKM)	Myosin Light Chain 3 (MYL3)
	TIMP-1

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Rat Vascular Injury Panel 1
(Serum/Plasma samples)

(Cat. No. RV1MAG-26K)

Caveolin-1	IL-6
Connective Tissue Growth Factor (CTGF)	MCP-1/ CCL2
KC/GRO/CINC-1/ CXCL1	PAI-1 (total)
	TIMP-1
	TNF α
	VEGF

Rat Vascular Injury Panel 2
(Serum/Plasma samples)

(Cat. No. RV2MAG-26K)

Adiponectin	sICAM-1
sE-Selectin	

Rat Vascular Injury Panel 3
(Serum/Plasma samples)

(Cat. No. RV3MAG-26K)

α -1-Acid Glycoprotein (AGP)	Haptoglobin
α -2-Macroglobulin (A2M)	

Bone**Rat Bone Panel 1**
(Serum/Plasma samples)

(Cat. No. RBN1MAG-31K)

ACTH	Leptin
DKK1	Osteoprotegerin (OPG)
FGF-23	PTH
Insulin	Sclerostin (SOST)

Neuroscience**Rat Neuropeptide** ■ ^

(Cat. No. RMNPMAG-83K)

α -MSH	Oxytocin
β -Endorphin	Substance P
Neurotensin	

Toxicity**Rat Kidney Toxicity Panel 1**
(Urine samples)

(Cat. No. RKTX1MAG-37K)

Clusterin	Osteopontin (OPN)
GST α ^	TIMP-1
IP-10/CXCL10	VEGF-A
KIM-1	

Rat Kidney Toxicity Panel 2
(Urine samples)

(Cat. No. RKTX2MAG-37K)

α -1-Acid Glycoprotein (AGP)	Cystatin C
Albumin^	EGF
β -2-Microglobulin	NGAL/Lipocalin-2

Rat Liver Injury

(Cat. No. RLI1MAG-92K)

5'NT/CD73	GST α
ARG1	SDH
GOT1	

COMPANION/ AGRICULTURAL**Immunology****Bovine Cytokine/Chemokine Panel 1**

- (Cat. No. BCYT1-33K)
- 15 (Cat. No. BCYT1-33K-PX15)
- 15 (Bulk Cat. No. BCYT1-33K-PXBK15)

IFN γ	IL-36RA/IL-1F5
IL-1 α	IP-10/CXCL10
IL-1 β	MCP-1/CCL2
IL-4	MIP-1 α /CCL3
IL-6	MIP-1 β /CCL4
IL-8/CXCL8	TNF α
IL-10	VEGF-A
IL-17A/CTLA8	

Canine Cytokine/Chemokine

- (Cat. No. CCYTOMAG-90K)
- 13 (Cat. No. CCYTMG-90K-PX13)
- 13 (Bulk Cat. No. CCYTMAG90KPX13BK)

GM-CSF	IL-15
IFN γ	IL-18
IL-2	IP-10/CXCL10
IL-6	KC-like
IL-7	MCP-1/CCL2
IL-8/CXCL8	TNF α
IL-10	

Chicken Cytokine/Chemokine

- (Cat. No. GCYT1-16K)
- 12 (Cat. No. GCYT1-16K-PX12)
- 12 (Cat. No. GCYT1-16K-PXBK12)

IFN α	IL-21
IFN γ	M-CSF
IL-2	MIP-1 β /CCL4
IL-6	MIP-3 α /CCL20
IL-10	RANTES/CCL5
IL-16	VEGF

Equine Cytokine/Chemokine

- (Cat. No. EQCYTMAG-93K)
- 23 (Cat. No. EQCYTMG-93KPX23)
- 23 (Cat. No. EQCTMG93KPX23BK)

Eotaxin/CCL11	IL-6
FGF-2/FGF-basic	IL-8/CXCL8
Fractalkine/CX3CL1	IL-10
G-CSF	IL-12 (p70)
GM-CSF	IL-13
GRO	IL-17A/CTLA8
IFN γ	IL-18
IL-1 α	IP-10/CXCL10
IL-1 β	MCP-1/CCL2
IL-2	RANTES/CCL5
IL-4	TNF α
IL-5	

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- † Analytes which cannot be plexed together:
 - Active and total
 - Free and total
- ◆ Available in Cat. No. listed
- ▼ Premix panel only
- Bulk indicates Space Saver Packaging
- ▲ These analytes cannot be plexed with other analytes in this panel in serum/plasma
- ▶ Requires a protease inhibitor during sample collection
- Requires sample extraction
- ** No standard/QC; antibody levels are reported as MFIs (Median Fluorescence Intensities)
- Serum/Plasma only
- ★ Tissue Culture samples only
- ^ Competitive assay format
- Available for custom premix
- Analyte requires a different sample dilution from others in panel
- Analyte cannot be measured in serum
- # Requires sample acidification
- § Analyte cannot be measured in plasma
- u Urine only

Feline Cytokine/Chemokine ▼

- 19 (Cat. No. FCYTMAG-20K-PMX)
 19 (Bulk Cat. No. FCYTMAG20KPX19BK)
NON-CONFIGURABLE KIT

sFAS/TNFRSF6	IL-13
Flt3 Ligand	IL-18
GM-CSF	KC/GRO/CINC-1/ CXCL1
IFN γ	MCP-1/CCL2
IL-1 β	PDGF-BB
IL-2	RANTES/CCL5
IL-4	SCF
IL-6	SDF-1/CXCL12
IL-8/CXCL8	TNF α
IL-12 (p40)	

Ovine Cytokine/Chemokine Panel 1

- 20 (Cat. No. SCYT1-91K)
 14 (Cat. No. SCYT-91K-PX14)
 14 (Bulk Cat. No. SCYT-91K-PXBK14)

IFN γ	IL-17A/CTLA8
IL-1 α	IL-36RA/IL-1F5
IL-1 β	IP-10/CXCL10
IL-4	MIP-1 α /CCL3
IL-6	MIP-1 β /CCL4
IL-8/CXCL8	TNF α
IL-10	VEGF-A

Porcine Cytokine/Chemokine

- 20 (Cat. No. PCYTMAG-23K)
 15 (Cat. No. PCYTMAG-23K-13PX)
 15 (Bulk Cat. No. PCYTMAG23PMX13BK)

GM-CSF	IL-6
IFN γ	IL-8/CXCL8
IL-1 α	IL-10
IL-1 β	IL-12
IL-1Ra	IL-18
IL-2	TNF α
IL-4	

**Metabolism/
Endocrinology****Canine Gut Hormone**

(Cat. No. CGTMAG-98K)

Amylin (total) ▶	Insulin
Ghrelin (active) ▶	Leptin
GIP (total)	Pancreatic Polypeptide (PP)
GLP-1 (active) ▶	PYY (total)
Glucagon	

Canine Pituitary Expanded Panel

(Cat. No. CANPIT-96K)

ACTH	LH
FSH	Prolactin
GH	TSH

Toxicity**Canine Kidney Toxicity Expanded Panel 1 (Urine samples)**

(Cat. No. CKT1MAG-97K)

Clusterin	MCP-1/CCL2
Cystatin C	NGAL/Lipocalin-2
IL-8/CXCL8	Osteopontin (OPN)
KIM-1	

Canine Kidney Toxicity Panel 2 (Urine samples)

(Cat. No. CKT2MAG-97K)

Albumin	RBP4
β -2-Microglobulin	TFF-3

MULTI-SPECIES**Immunology****Multi-Species TGF β – Singleplex #**

(Cat. No. TGFBMAG-64K-01)
 (Bulk Cat. No. TGFBMAG-64K-01BK)
 Species: C, E, F, H, M, NHP, Por, R, guinea pig, hamster, rabbit

TGF β 1

Multi-Species TGF β – 3 Plex ▼#

(Cat. No. TGFBMAG-64K-03)
 Species: H, M, NHP, R, guinea pig, hamster, mini pig; additionally, TGF- β 1 and TGF- β 2 can be detected in the serum of C, E, and rabbit

NON-CONFIGURABLE KIT

TGF β 1	TGF β 3
TGF β 2	

**Metabolism/
Endocrinology****Multi-Species Hormone ■ ^**

(Cat. No. MSHMAG-21K)
 Species: C, E, F, H, M, NHP, Por, R, guinea pig, hamster, rabbit

Cortisol	Testosterone
Estradiol	T3
Progesterone	T4

KITS TO BE PHASED OUT**Human Cytokine/Chemokine Panel I**

- 20 (Cat. No. HCYTOMAG-60K)
 29 (Cat. No. HCYTMAG-60K-PX29)
 29 (Bulk Cat. No. HCYTMAG60PMX29BK)
 30 (Cat. No. HCYTMAG-60K-PX30) ♦
 30 (Bulk Cat. No. HCYTMAG60PMX30BK) ♦
 38 (Cat. No. HCYTMAG-60K-PX38)
 38 (Bulk Cat. No. HCYTMAG60PMX38BK)
 41 (Cat. No. HCYTMAG-60K-PX41)
 41 (Bulk Cat. No. HCYTMAG60PMX41BK)

sCD40L	IL-9
EGF ♦	IL-10 ♦
Eotaxin/CCL11 ♦	IL-12 (p40) ♦
FGF-2/FGF-basic	IL-12 (p70) ♦
Flt3 Ligand	IL-13 ♦
Fractalkine/CX3CL1	IL-15 ♦
G-CSF ♦	IL-17A/CTLA8 ♦
GM-CSF ♦	IP-10/CXCL10 ♦
GRO	MCP-1/CCL2 ♦
IFN α 2 ♦	MCP-3/CCL7
IFN γ ♦	MDC/CCL22
IL-1 α ♦	MIP-1 α /CCL3 ♦
IL-1 β ♦	MIP-1 β /CCL4 ♦
IL-1Ra ♦	PDGF-AA ▲ °
IL-2 ♦	PDGF-AB/BB ▲ °
IL-3 ♦	RANTES/CCL5 ▲ ♦
IL-4 ♦	TGF α
IL-5 ♦	TNF α ♦
IL-6 ♦	TNF β /Lymphotoxin- α (LTA) ♦
IL-7 ♦	VEGF-A ♦
IL-8/CXCL8 ♦	

Human Metabolic Hormone

(Cat. No. HMHEMAG-34K)

Amylin (active) ▶	IL-6
Amylin (total) ▶	Insulin
C-Peptide	Leptin
Ghrelin (active) ▶	MCP-1/CCL2
GIP (total)	Pancreatic Polypeptide (PP)
GLP-1 (active) ▶	PYY (total)
GLP-1 (total) ▶	TNF α
Glucagon ▶	

Rat Metabolic Hormone

(Cat. No. RMHMAG-84K)

Amylin (active) ▶	Insulin
C-Peptide 2	Leptin
Ghrelin (active) ▶	MCP-1/CCL2
GIP (total)	Pancreatic Polypeptide (PP)
GLP-1 (active) ▶	PYY (total)
Glucagon ▶	TNF α
IL-6	