

MILLIPLEX® Analyte Index

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Eotaxin/CCL11◆	IL-17A/CTLA8◆
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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◆▲
IL-7◆	TGF α
IL-8/CXCL8◆	TNF α ◆
IL-9	TNF β /Lymphotxin- α (LTA)◆
IL-10◆	VEGF-A◆
IL-12 (p40)◆	
IL-12 (p70)◆	

Get both Human Panel A and Panel B premixed kits with one catalog number!

76-Plex (Two 38-plex premixed kits)

Cat. No. HCYTPAB-76SK

96-Plex (Two 48-plex premixed kits)

Cat. No. HCYTPAB-96SK

Kits cannot be combined.

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

□	(Cat. No. HCYTB-60K)
◆	(Cat. No. HCYTB-60K-PX38)◆
◆	(Cat. No. HCYTB-60K-PXBK38)◆
◆	(Cat. No. HCYTB-60K-PX48)◆
◆	(Cat. No. HCYTB-60K-PXBK48)◆
6Ckine/CCL21◆	IL-28A/IFNA2◆
APRIL◆	IL-29 /IFN λ 1◆
BAFF/Blys◆	IL-31◆
BCA-1/CXCL13◆	IL-33/NF-HEV (mature)◆
CCL28	
sCD137/4-1BB/TNFRSF9◆	IL-34 IL-35
CTACK/CCL27◆	IFN β ◆
CXCL6/GCP-2	IFN ω ◆
CXCL16	I-TAC/CXCL11◆
ENA-78/CXCL5◆	LIF◆
Eotaxin-2/CCL24/MPIF-2◆	Lymphotactin/XCL1
Eotaxin-3/CCL26◆	MCP-2/CCL8◆
sFAS/TNFRSF6◆	MCP-4/CCL13◆
sFASL◆	MIP-1 δ /MIP-5/CCL15◆
Granzyme A◆	MIP-3 α /CCL20◆
Granzyme B◆	MIP-3 β /CCL19
HMGBl◆	MIPF-1/CCL23
I-309/CCL1◆	Perforin◆
IL-11	SCF◆
IL-16◆	SDF-1/CXCL12◆
IL-20◆	TARC/CCL17◆
IL-21◆	TPO◆
IL-23◆	TRAIL/TNFSF10◆
IL-24	TSLP◆

Human High Sensitivity T Cell

□	(Cat. No. HSTCMAG-28SK)
◆	(Cat. No. HSTCMAG28SPMX13)◆
◆	(Bulk Cat. No. HSTCMAG28PMX13BK)◆
◆	(Cat. No. HSTCMAG28SPMX21)◆
◆	(Bulk Cat. No. HSTCMAG28PMX21BK)◆

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◆	

384-Well Human High Sensitivity T Cell

(Cat. No. HSTC384-28K)
◆ (Cat. No. HSTCMAG384-PX21)
◆ (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)
◆ (Cat. No. HT17MG-14K-PX25)
◆ (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	MIP-1 β /CCL4
IL-15	TNF α
IL-17A/CTLA8	TNF β /Lymphotxin- α (LTA)

Human CD8+ T Cell

□	(Cat. No. HCD8MAG-15K)
◆	(Cat. No. HCD8MAG15K17PMX)
◆	(Bulk Cat. No. HCD8MAG15K17BK)

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

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 - 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 Interferon NEW

(Cat. No. HIFN-130K)

⑨ (Cat. No. HIFN-130K-PMX9)

IFNa2	IFNe
IFNb	IFNω
IFNy	IL-28A/IFNA2
IFNy Receptor 1 (IFNGR1)	IL-28B/IFNA3
	IL-29/IFNA1

Human Soluble Cytokine Receptor

(Cat. No. HSCRMAG-32K)

⑩ (Cat. No. HSCRMAG32KPx14)**⑪** (Bulk Cat. No. HSCRMAG32PMX14BK)

SCD30	sIL-6R
sEGFR/sHER1/ErbB1	sRAGE
sGP130	sTNF RI
sIL-1RI	sTNF RII
sIL-1RII	sVEGFR1/sFlt-1
sIL-2Ra	sVEGFR2/sKDR/sFlk-1
sIL-4R	sVEGFR3/sFlt-4

Human Cytokine/Chemokine Panel II**⑫** (Cat. No. HCYP2MAG-62K)**⑬** (Cat. No. HCP2MAG-62K-PX23)**⑭** (Bulk Cat. No. HCP2MAG62KPx23BK)

6Ckine/CCL21/ Exodus-2	IL-28A/IFNA2
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-1δ/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. HCYP3MAG-63K)

HCC-1/CCL14▲	M-CSF
IL-11	MIG/CXCL9
IL-29/IFNA1	MIP-3α/CCL20
I-TAC/CXCL11	MIP-3β/CCL19
CXCL6/GCP-2	NAP-2/CXCL7▲
Lymphotactin/XCL1	

Human Cytokine/Chemokine Panel IV

□ (Cat. No. HCYP4MAG-64K)
⑯ (Cat. No. HCY4MG-64K-PX20)
⑰ (Bulk Cat. No. HCP4MG64KPx20BK)

BAFF/Blys	IL-28B/IFNA3
BRAK/CXCL14	IL-32a
CCL28	IL-34
CXCL16	IL-35
HCC-4/CCL16	IL-36β/IL-1F8
HMGB1 ●	IL-37/IL-1F7
IFNb	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 Complement Expanded Panel 1**□** (Cat. No. HCMPEX1-19K)

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

Human Complement Panel 2**□** (Cat. No. HCMP2MAG-19K)

C1q	C4
C3	Factor B
C3b	Factor H

Human Complement C5b-9 Singleplex NEW

(Cat. No. HC5B9-140K)

C5b-9

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

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-18BPa	

Immune Response**Human Autoimmune Autoantibody****

(Cat. No. HAIAB-10K)

QUALITATIVE KIT

β2-Glycoprotein	PM/Scl 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 **

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)
IFNa2	IL-15
IFNb	IL-17A/CTLA8
IFNy	IL-17F
IFNω	IL-18
IL-1α	IL-22
IL-2	Osteopontin
IL-3	PF4
IL-4	TNFα
IL-6	

Human Sepsis Panel 1

(Cat. No. HSP1MAG-63K)

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

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SigmaAldrich.com/milliplex-autoab

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	

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.

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

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

Human Adipocyte (Cell culture samples)

(Cat. No. HADCY MAG-61K)

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

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) †	TNF α
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. HLPPMAG-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

^ 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. HCVD3MAG-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 θ	

Human CVD Panel 4

(Cat. No. HCVD4MAG-67K)

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

Human CVD Panel 6

(Cat. No. HCVD6MAG-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. HRNKLMMAG-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

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/VTEN1	MICA
B7-H5/VISTA	MICB
B7-H6	Nectin-2
BAFF/BLyS	Nectin-4
CD25/IL-2Ra	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)°	Ferritin
ApoE4°	Neurogranin (NRGN)
FABP3	TREM2

Human Neurodegenerative Disease Panel 1

(Cat. No. HNDG1MAG-36K)

α-2-Macroglobulin	Complement Factor C3
Apo AI	Complement Factor H (CFH)
Apo CIII	
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 °	Soluble Superoxide Dismutase 2 (sSOD2)
Kallikrein-6	

Human Neuropeptide ■ ▲

(Cat. No. HNPMMAG-35K)

α-MSH	Oxytocin
β-Endorphin	Substance P
Neurotensin	

Human Circadian Stress ■ ▲

(Cat. No. HNCSTMAG-35K)

Cortisol	Melatonin
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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. HLINJMAG-75K)

5'NT/CD73	MDH1
ARG1	SDH
GSTα	

Explore Biomarkers for Alzheimer's Disease ResearchLearn how to combine multiplex and high sensitivity assay analysis for AD biomarker studies at SigmaAldrich.com/immunoassays-AD**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

PRIMATE

Immunology

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

- (Cat. No. PRCYTA-40K)
- 38 (Cat. No. PRCYTA-40K-PX38)♦
- 38 (Cat. No. PRCYTA-40K-BK38)♦
- 48 (Cat. No. PRCYTA-40K-PX48)
- 48 (Cat. No. PRCYTA-40K-BK48)

BCA-1/CXCL13	IL-15♦
SCD137/4-1BB/ TNFRSF9♦	IL-16
SCD40L♦	IL-17E/IL-25
Eotaxin/CCL11	IL-18♦
sFASL♦	IL-21♦
FGF-2/FGF-basic	IL-22♦
Fractalkine/CX3CL1	IL-23♦
G-CSF♦	IL-28A/IFNA2
GM-CSF♦	IL-31
Granzyme A♦	IL-33/NF-HEV
Granzyme B♦	(mature)♦
IFN α 2♦	IP-10/CXCL10♦
IFNy♦	I-TAC/CXCL11♦
IL-1 α	MCP-1/CCL2♦
IL-1 β ♦	MIG/CXCL9♦
IL-1RA♦	MIP-1 α /CCL3♦
IL-2♦	MIP-1 β /CCL4♦
IL-4♦	MIP-3 α /CCL20♦
IL-5♦	Perforin♦
IL-6♦	RANTES/CCL5♦▲
IL-7♦	TGF α ♦
IL-8/CXCL8♦	TNF α ♦
IL-10♦	TNF β /LTA
IL-12 (p70)♦	VEGF-A♦

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
GLP-1 (active)♦	Polypeptide (PP)
Glucagon♦	PPY (total)
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)
25 (Cat. No. MCYTOMAG-70K-PMX)♦
25 (Bulk Cat. No. MCYTOMAG70PMX25BK)♦
32 (Cat. No. MCYTOMAG-70K-PX32)
32 (Bulk Cat. No. MCYTOMAG70PMX32BK)
Eotaxin/CCL11 IL-13♦
G-CSF♦ IL-15♦
GM-CSF♦ IL-17A/CTLA8♦
IFNy♦ IP-10/CXCL10♦
IL-1 α ♦ KC/GRO/CINC-1/ CXCL1♦
IL-1 β ♦ LIF
IL-2♦ LIX
IL-3 MCP-1/CCL2♦
IL-4♦ M-CSF
IL-5♦ MIG/CXCL9
IL-6♦ MIP-1 α /CCL3♦
IL-7♦ MIP-1 β /CCL4♦
IL-9♦ MIP-2/CXCL2♦
IL-10♦ RANTES/CCL5♦
IL-12 (p40)♦ TNF α ♦
IL-12 (p70)♦ VEGF-A

Mouse Cytokine/ Chemokine Panel 2

□ (Cat. No. MECY2MAG-73K)
15 (Cat. No. MECY2MAG-73KPx)
15 (Bulk Cat. No. MECY2MAG73KPxBK)

Erythropoietin (EPO)	IL-17A/F
Exodus-2/ CCL21/6Ckine	IL-20
Fractalkine/CX3CL1	MCP-5/CCL12
IFN β 1	MDC/CCL22
IFNy	MIP-3 α /CCL20
IL-11	MIP-3 β /CCL19
IL-16	TARC/CCL17

Mouse High Sensitivity T Cell

□ (Cat. No. MHSTCMAG-70K)
18 (Cat. No. MHSTCMAG-70KPxM)
18 (Bulk Cat. No. MHSTCMAG-70KPxBK)

GM-CSF	IL-10
IFNy	IL-12 (p70)
IL-1 α	IL-13
IL-1 β	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	TNF α

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
IFNy	IL-21
IL-1 β	IL-22
IL-2	IL-23
IL-4	IL-27
IL-5	IL-28B/IFNA3
IL-6	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	

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	MIP-1 β /CCL4
IFNy	RANTES/CCL5
IL-2	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. MMMP1MAG-79K)

MMP-2	MMP-8
MMP-3	

Mouse MMP Panel 2 (Serum/Plasma samples)

(Cat. No. MMMP2MAG-79K)

proMMP-9	MMP-12
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Non-Human Primate Cytokine Analysis

Save time and sample with the largest bead-based non-human primate multiplex assay on the market.

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Mouse MMP Panel 3 (Cell culture samples)

(Cat. No. MMMP3MAG-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) ▶	Leptin
C-Peptide 2	MCP-1/CCL2
Ghrelin (active) ▶	Pancreatic Polypeptide (PP)
GIP (total)	
GLP-1 (active) †	PPY (total)
GLP-1 (total) †	Resistin
Glucagon ▶	Secretin
IL-6	TNF α
Insulin	

Legend key for MILLIPLEX® kits

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 - 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

Mouse Myokine

(Cat. No. MMYOMAG-74K)

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

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-1 α /CCL3
Endoglin	Placental Growth Factor 2
Endothelin-1	Prolactin
sFasL	SDF-1/CXCL12
FGF-2/FGF-basic	TNF α
Follistatin (FST)	VEGF-A
G-CSF	VEGF-C
HGF	VEGF-D
IL-1 β	

Mouse Immuno-Oncology Checkpoint Protein Panel 1

 (Cat. No. MCKP1-110K) (Cat. No. MCKP1-110K-PX28) (Bulk Cat. No. MCKP1-110K-PB28)

4-1BB/TNFSF9	Galectin-1
5'-NT/CD73	Galectin-3
B7-H2/ICOSL	GITR
B7-H3/CD276	Granzyme B
BCA-1/CXCL-13	HVEM
BTLA	IFNY
CD137/4-1BB	IL-10
CD226/DNAM-1	LAG-3
CD25/IL-2Ra	PD-1
CD27	PD-L1
CD40	PD-L2
CD80/B7-1	TIM-3
CTLA-4/CD152	TLR-2
E-Cadherin	TNF α

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	

Mouse Acute Phase Panel 2

(Cat. No. MAP2MAG-76K)

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

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)

- 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

□ Urine only

Toxicity

Mouse Kidney Injury Panel 1

(Cat. No. MKI1MAG-94K)

β -2-Microglobulin $^{\text{U}}$	Renin
IP-10/CXCL10	TIMP-1
KIM-1	VEGF-A $^{\text{U}}$

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
Leptin	Leptin
IFNy	LIX
IL-1 α	MCP-1/CCL2
IL-1 β	MIP-1 α /CCL3
IL-2	MIP-2/CXCL2
IL-4	RANTES/CCL5
IL-5	TNF α
IL-6	VEGF

Metabolism/ Endocrinology

Rat Adipokine (Serum/Plasma samples)

(Cat. No. RADPKMAG-80K)

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

Rat Adipocyte (Cell culture samples)

(Cat. No. RADPCMAG-82K)

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

Rat Metabolic Hormone Expanded

(Cat. No. RMHE-120K)

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

Rat Thyroid

(Cat. No. RTHYMAG-30K)

T3 \wedge	TSH
T4 \wedge	

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 (MLY3)
	TIMP-1

Rat Vascular Injury Panel 1 (Serum/Plasma samples)

(Cat. No. RV1MAG-26K)

Caveolin-1	IL-6
Connective Tissue Growth Factor (CTGF)	MCP-1/ CCL2
	PAI-1 (total)
KC/GRO/CINC-1/ CXCL1	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 ■ \wedge

(Cat. No. RMNPBMAG-83K)

α -MSH	Oxytocin
β -Endorphin	Substance P
Neurotensin	

Quality in Every MILLIPLEX® Kit

We pride ourselves in our quality R&D, support, manufacturing, and QC.

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

IFNy	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	

Bovine Acute Phase Protein

NEW

(Cat. No. BAPP1-150K)

Haptoglobin	Fibrinogen
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Canine Cytokine/Chemokine

- (Cat. No. CCYTOMAG-90K)
- (Cat. No. CCYTMG-90K-PX13)
- (Bulk Cat. No. CCYTMAG90KPKX13BK)

GM-CSF	IL-15
IFNy	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)
- (Cat. No. GCYT1-16K-PX12)
- (Cat. No. GCYT1-16K-PXBK12)

IFNa	IL-21
IFNy	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)
- (Cat. No. EQCYTMG-93KPKX23)
- (Cat. No. EQCTMG93KPKX23BK)

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
IFNy	IL-18
IL-1 α	IP-10/CXCL10
IL-1 β	MCP-1/CCL2
IL-2	RANTES/CCL5
IL-4	TNF α
IL-5	

Feline Cytokine/Chemokine▼

- (Cat. No. FCYTMAG-20K-PMX)
- (Bulk Cat. No. FCYTMAG20KPKX19BK)

NON-CONFIGURABLE KIT

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

Ovine Cytokine/Chemokine Panel 1

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

IFNy	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

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

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

Porcine Acute Phase Protein

NEW

(Cat. No. PAPP1-160K)

CRP	Haptoglobin
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Legend key for MILLIPLEX® kits

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 - 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
- ✉ Urine only

Metabolism/ Endocrinology

Canine Gut Hormone

(Cat. No. CGTMAG-98K)

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

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 TGFβ – 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

TGFβ1

Multi-Species TGFβ – 3 Plex▼#

(Cat. No. TGFBMAG-64K-03)
Species: H, M, NHP, R, guinea pig, hamster, mini pig; additionally, TGF-β1 and TGF-β2 can be detected in the serum of C, E, and rabbit

NON-CONFIGURABLE KIT

TGFβ1	TGFβ3
TGFβ2	

Metabolism/ Endocrinology

Multi-Species Hormone ■▲

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

Cortisol	T3
Estradiol	T4
Progesterone	

KITS TO BE PHASED OUT

Non-Human Primate Cytokine/Chemokine Panel 1

□ (Cat. No. PRCYTOMAG-40K)
23 (Cat. No. PCYTMG-40K-PX23)
23 (Bulk Cat. No. PRCYTMAG40PMX23BK)

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

sCD137/4-1BB/ TNFRSF9	IL-17E/IL-25
Eotaxin/CCL11	IL-21
sFasL	IL-22
FGF-2/FGF-basic	IL-28A/IFNλ2
Fractalkine/CX3CL1	IL-31
Granzyme A	IL-33/NF-HEV (mature)
Granzyme B	
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	