

# Milliplex 多因子检测试剂盒

## 高影响因子文献列表

2018-2019 年

### 一、细胞因子试剂盒

- 人类

**Human Cytokine/Chemokine Panel I**  
**Cat No. HCYTOMAG-60K**

#### Serum/Plasma

1. Lee, A.H., Shannon, C.P., Amenyogbe, N. et al. Dynamic molecular changes during the first week of human life follow a robust developmental trajectory. **Nat Commun** 10, 1092 (2019)
2. Depommier, C., Everard, A., Druart, C. et al. Supplementation with *Akkermansia muciniphila* in overweight and obese human volunteers: a proof-of-concept exploratory study. **Nat Med** 25, 1096–1103 (2019)
3. Wahl, A., De, C., Abad Fernandez, M. et al. Precision mouse models with expanded tropism for human pathogens. **Nat Biotechnol** 37, 1163–1173 (2019)

#### Cell culture supernatant

1. Safronova, A., Araujo, A., Camanzo, E.T. et al. Alarmin S100A11 initiates a chemokine response to the human pathogen *Toxoplasma gondii*. **Nat Immunol** 20, 64–72 (2019)
2. Galle-Treger, L., Sankaranarayanan, I., Hurrell, B.P. et al. Costimulation of type-2 innate lymphoid cells by GITR promotes effector function and ameliorates type 2 diabetes. **Nat Commun** 10, 713 (2019)
3. Fourati, S., Ribeiro, S.P., Blasco Tavares Pereira Lopes, F. et al. Integrated systems approach defines the antiviral pathways conferring protection by the RV144 HIV vaccine. **Nat Commun** 10, 863 (2019)
4. Bryson, B.D., Rosebrock, T.R., Tafesse, F.G. et al. Heterogeneous GM-CSF signaling in macrophages is associated with control of *Mycobacterium tuberculosis*. **Nat Commun** 10, 2329 (2019)
5. Huang, J., Kelly, C.P., Bakirtzi, K. et al. *Clostridium difficile* toxins induce VEGF-A and vascular permeability to promote disease pathogenesis. **Nat Microbiol** 4, 269–279 (2019)
6. Wahl, A., De, C., Abad Fernandez, M. et al. Precision mouse models with expanded tropism for human pathogens. **Nat Biotechnol** 37, 1163–1173 (2019)
7. Kalan, Lindsay R. et al. Strain- and Species-Level Variation in the Microbiome of Diabetic Wounds Is Associated with Clinical Outcomes and



- Therapeutic Efficacy. **Cell Host Microbe**. 2019 May 8;25(5):641-655.e5.
8. Li, J et al. CD3 bispecific antibody-induced cytokine release is dispensable for cytotoxic T cell activity. **Sci Transl Med**. 2019 Sep 4;11(508). pii: eaax8861.
  9. Wang, Wei et al. RIP1 Kinase Drives Macrophage-Mediated Adaptive Immune Tolerance in Pancreatic Cancer. **Cancer Cell**. 2018 Nov 12;34(5):757-774.e7.
  10. Wang, Liuyang et al. An Atlas of Genetic Variation Linking Pathogen-Induced Cellular Traits to Human Disease. **Cell Host Microbe**. 2018 Aug 8;24(2):308-323.e6.
  11. Costa, Ana et al. Fibroblast Heterogeneity and Immunosuppressive Environment in Human Breast Cancer. **Cancer Cell**. 2018 Mar 12;33(3):463-479.e10.

**Human Cytokine/Chemokine Panel II**  
**Human Cytokine/Chemokine Panel III**  
**Cat No. HCYP2MAG-62K/HCYP3MAG-63K**

**Cell culture supernatant**

1. Costa, Ana et al. Fibroblast Heterogeneity and Immunosuppressive Environment in Human Breast Cancer. **Cancer Cell**. 2018 Mar 12;33(3):463-479.e10.

**Human CD8+ T Cell**  
**Cat No. HCD8MAG-15K**

**Cell culture supernatant**

1. Baeuerle, P.A., Ding, J., Patel, E. et al. Synthetic TRuC receptors engaging the complete T cell receptor for potent anti-tumor response. **Nat Commun** 10, 2087 (2019)
2. Bradley, Todd et al. RAB11FIP5 Expression and Altered Natural Killer Cell Function Are Associated with Induction of HIV Broadly Neutralizing Antibody Responses. **Cell**. 2018 Oct 4;175(2):387-399.e17.

**Human High Sensitivity T Cell**  
**Cat No. HSTCMAG-28SK**

**Serum/Plasma**

1. Song, P., Zheng, N., Liu, Y. et al. Deficient humoral responses and disrupted B-cell immunity are associated with fatal SFTSV infection. **Nat Commun** 9, 3328 (2018)

**Tear sample**

1. Seo, J., Byun, W.Y., Alisafaei, F. *et al.* Multiscale reverse engineering of the human ocular surface. **Nat Med** 25, 1310–1318 (2019)

**Human Th17**  
**Cat No. HTH17MAG-14K**

**Plasma**

1. Arts, Rob J.W. et al. BCG Vaccination Protects against Experimental Viral Infection in Humans through the Induction of Cytokines Associated with Trained Immunity. **Cell Host Microbe**. 2018 Jan 10;23(1):89-100.e5.

**Cell culture supernatant**

1. Grandclaudon, Maximilien et al. A Quantitative Multivariate Model of Human Dendritic Cell-T Helper Cell Communication. **Cell**. 2019 Oct 3;179(2):432-447.e21.
2. Nicholas, Dequina A. et al. Fatty Acid Metabolites Combine with Reduced  $\beta$  Oxidation to Activate Th17 Inflammation in Human Type 2 Diabetes. **Cell Metab**. 2019 Sep 3;30(3):447-461.e5.

**Human MMP Panel 2**  
**Cat. HMMP2MAG-55K**

**Tear sample**

1. Seo, J., Byun, W.Y., Alisafaei, F. *et al.* Multiscale reverse engineering of the human ocular surface. **Nat Med** 25, 1310–1318 (2019)

**小鼠**

**Mouse Cytokine/Chemokine Panel 1**  
**Cat No. MICYTOMAG-70K**

**Serum/Plasma**

1. Baazim, H., Schweiger, M., Moschinger, M. et al. CD8+ T cells induce cachexia during chronic viral infection. **Nat Immunol** 20, 701–710 (2019)
2. Maugeri, M., Nawaz, M., Papadimitriou, A. et al. Linkage between endosomal escape of LNP-mRNA and loading into EVs for transport to other cells. **Nat Commun** 10, 4333 (2019)
3. Stine, Rachel R. et al. PRDM16 Maintains Homeostasis of the Intestinal Epithelium by Controlling Region-Specific Metabolism. **Cell Stem Cell**. 2019 Dec 5;25(6):830-845.e8.
4. Mondragón, Laura et al. GAPDH Overexpression in the T Cell Lineage Promotes Angioimmunoblastic T Cell Lymphoma through an NF- $\kappa$ B-Dependent Mechanism. **Cancer Cell**. 2019 Sep 16;36(3):268-287.e10.
5. Li, J et al. CD3 bispecific antibody-induced cytokine release is dispensable for cytotoxic T cell activity. **Sci Transl Med**. 2019 Sep 4;11(508). pii: eaax8861.
6. Lameijer, M., Binderup, T., van Leent, M.M.T. et al. Efficacy and safety assessment of a TRAF6-targeted nanoimmunotherapy in atherosclerotic mice and non-human primates. **Nat Biomed Eng** 2, 279–292 (2018)
7. Tao, R., Wang, C., Stöhr, O. et al. Inactivating hepatic follistatin alleviates hyperglycemia. **Nat Med** 24, 1058–1069 (2018)
8. Zhang, Y., Li, N., Suh, H. et al. Nanoparticle anchoring targets immune agonists to tumors enabling anti-cancer immunity without systemic

- toxicity. **Nat Commun** 9, 6 (2018)
9. Meyer, M.A., Baer, J.M., Knolhoff, B.L. et al. Breast and pancreatic cancer interrupt IRF8-dependent dendritic cell development to overcome immune surveillance. **Nat Commun** 9, 1250 (2018)
  10. Sokhi, U.K., Liber, M.P., Frye, L. et al. Dissection and function of autoimmunity-associated TNFAIP3 (A20) gene enhancers in humanized mouse models. **Nat Commun** 9, 658 (2018)
  11. Kim, J.H., Podstawka, J., Lou, Y. et al. Aged polymorphonuclear leukocytes cause fibrotic interstitial lung disease in the absence of regulation by B cells. **Nat Immunol** 19, 192–201 (2018)
  12. Wang, Tingting et al. The Adaptor Protein CARD9 Protects against Colon Cancer by Restricting Mycobiota-Mediated Expansion of Myeloid-Derived Suppressor Cells. **Immunity**. 2018 Sep 18;49(3):504-514.e4.

#### Cell culture supernatant

1. Galle-Treger, L., Sankaranarayanan, I., Hurrell, B.P. et al. Costimulation of type-2 innate lymphoid cells by GITR promotes effector function and ameliorates type 2 diabetes. **Nat Commun** 10, 713 (2019)
2. Racioppi, L., Nelson, E.R., Huang, W. et al. CaMKK2 in myeloid cells is a key regulator of the immune-suppressive microenvironment in breast cancer. **Nat Commun** 10, 2450 (2019)
3. Abraham, AC et al. Targeting the NF- $\kappa$ B signaling pathway in chronic tendon disease. **Sci Transl Med**. 2019 Feb 27;11(481). pii: eaav4319.
4. Yao, Yushi et al. Induction of Autonomous Memory Alveolar Macrophages Requires T Cell Help and Is Critical to Trained Immunity. **Cell**. 2018 Nov 29;175(6):1634-1650.e17.
5. Poffenberger, MC et al. LKB1 deficiency in T cells promotes the development of gastrointestinal polyposis. **Science**. 2018 Jul 27;361(6400):406-411.

#### Tissue lysate

1. Hollande, C., Boussier, J., Ziai, J. et al. Inhibition of the dipeptidyl peptidase DPP4 (CD26) reveals IL-33-dependent eosinophil-mediated control of tumor growth. **Nat Immunol** 20, 257–264 (2019) (tumor)
2. Johnson, Jennifer L. et al. Inhibition of Upf2-Dependent Nonsense-Mediated Decay Leads to Behavioral and Neurophysiological Abnormalities by Activating the Immune Response. **Neuron**. 2019 Nov 20;104(4):665-679.e8. (brain)
3. Gaylo-Moynihan, Alison et al. Programming of Distinct Chemokine-Dependent and -Independent Search Strategies for Th1 and Th2 Cells Optimizes Function at Inflamed Sites. **Immunity**. 2019 Aug 20;51(2):298-309.e6. (ear)
4. Li, J et al. CD3 bispecific antibody-induced cytokine release is dispensable for cytotoxic T cell activity. **Sci Transl Med**. 2019 Sep 4;11(508). pii: eaax8861. (tumor)
5. Johnson, CT et al. Lysostaphin and BMP-2 co-delivery reduces *S. aureus* infection and regenerates critical-sized segmental bone defects. **Sci Adv**. 2019 May 17;5(5):eaaw1228. (limb)

6. Anker, J.F., Naseem, A.F., Mok, H. et al. Multi-faceted immunomodulatory and tissue-tropic clinical bacterial isolate potentiates prostate cancer immunotherapy. **Nat Commun** 9, 1591 (2018) (tumor)
7. Silva, M.C., Davoli-Ferreira, M., Medina, T.S. et al. Canonical PI3Ky signaling in myeloid cells restricts Trypanosoma cruzi infection and dampens chagasic myocarditis. **Nat Commun** 9, 1513 (2018) (heart)
8. Kim, J.H., Podstawka, J., Lou, Y. et al. Aged polymorphonuclear leukocytes cause fibrotic interstitial lung disease in the absence of regulation by B cells. **Nat Immunol** 19, 192–201 (2018) (lung)
9. Yao, Yushi et al. Induction of Autonomous Memory Alveolar Macrophages Requires T Cell Help and Is Critical to Trained Immunity. **Cell**. 2018 Nov 29;175(6):1634-1650.e17. (lung)
10. Guo, Xi-zhi J. et al. Lung  $\gamma\delta$  T Cells Mediate Protective Responses during Neonatal Influenza Infection that Are Associated with Type 2 Immunity. **Immunity**. 2018 Sep 18;49(3):531-544.e6. (lung)
11. Zhang, Y et al. Repopulating retinal microglia restore endogenous organization and function under CX3CL1-CX3CR1 regulation. **Sci Adv**. 2018 Mar 21;4(3):eaap8492. (retina)

#### **BALF**

1. Zhang, Hua et al. CDK7 Inhibition Potentiates Genome Instability Triggering Anti-tumor Immunity in Small Cell Lung Cancer. **Cancer Cell**. 2020 Jan 13;37(1):37-54.e9.
2. Kim, J.H., Podstawka, J., Lou, Y. et al. Aged polymorphonuclear leukocytes cause fibrotic interstitial lung disease in the absence of regulation by B cells. **Nat Immunol** 19, 192–201 (2018)

#### **Bone marrow extracellular fluid**

1. Ho, Ya-Hsuan et al. Remodeling of Bone Marrow Hematopoietic Stem Cell Niches Promotes Myeloid Cell Expansion during Premature or Physiological Aging. **Cell Stem Cell**. 2019 Sep 5;25(3):407-418.e6.
2. Golan, Karin et al. Daily Onset of Light and Darkness Differentially Controls Hematopoietic Stem Cell Differentiation and Maintenance. **Cell Stem Cell**. 2018 Oct 4;23(4):572-585.e7.

#### **Mouse Th17**

**Cat No. MTH17MAG-47K**

#### **Serum**

1. Kuhn, Nicholas F. et al. CD40 Ligand-Modified Chimeric Antigen Receptor T Cells Enhance Antitumor Function by Eliciting an Endogenous Antitumor Response. **Cancer Cell**. 2019 Mar 18;35(3):473-488.e6.

#### **Cell culture supernatant**

1. Kuhn, Nicholas F. et al. CD40 Ligand-Modified Chimeric Antigen Receptor T Cells Enhance Antitumor Function by Eliciting an Endogenous Antitumor Response. **Cancer Cell**. 2019 Mar 18;35(3):473-488.e6.
2. Omenetti, Sara et al. The Intestine Harbors Functionally Distinct

Homeostatic Tissue-Resident and Inflammatory Th17 Cells. **Immunity**. 2019 Jul 16;51(1):77-89.e6.

3. Zappasodi, Roberta et al. Non-conventional Inhibitory CD4+Foxp3-PD-1hi T Cells as a Biomarker of Immune Checkpoint Blockade Activity. **Cancer Cell**. 2018 Jun 11;33(6):1017-1032.e7.

## 大鼠

### **Rat Cytokine/Chemokine Cat No. RECYTMAG-65K**

#### **Cell culture supernatant**

1. Headen, D.M., Woodward, K.B., Coronel, M.M. et al. Local immunomodulation with Fas ligand-engineered biomaterials achieves allogeneic islet graft acceptance. **Nature Mater** 17, 732–739 (2018)

## 非人灵长类

### **Non-Human Primate Cytokine/Chemokine Panel 1 Cat No. PRCYTOMAG-40K**

#### **Plasma**

1. O'Connor, M.A., Tisoncik-Go, J., Lewis, T.B. et al. Early cellular innate immune responses drive Zika viral persistence and tissue tropism in pigtail macaques. **Nat Commun** 9, 3371 (2018)
2. Haddock, E., Feldmann, F., Hawman, D.W. et al. A cynomolgus macaque model for Crimean–Congo haemorrhagic fever. **Nat Microbiol** 3, 556–562 (2018)

#### **Cell culture supernatant**

1. Vaccari, M., Fourati, S., Gordon, S.N. et al. HIV vaccine candidate activation of hypoxia and the inflammasome in CD14+ monocytes is associated with a decreased risk of SIVmac251 acquisition. **Nat Med** 24, 847–856 (2018)

#### **amniotic fluid**

1. Van Rompay KKA et al. DNA vaccination before conception protects Zika virus-exposed pregnant macaques against prolonged viremia and improves fetal outcomes. **Sci Transl Med**. 2019 Dec 18;11(523). pii: eaay2736.

### **Non-Human Primate Cytokine/Chemokine Panel 2 Cat No. PRCYT2MAG-40K**

#### **Cell culture supernatant**

1. Vaccari, M., Fourati, S., Gordon, S.N. et al. HIV vaccine candidate activation of hypoxia and the inflammasome in CD14+ monocytes is associated with a decreased risk of SIVmac251 acquisition. **Nat Med** 24, 847–856 (2018)

## 猪

**Porcine Cytokine/Chemokine**  
**Cat No. PCYTMG-23K**

**brain tissue lysate**

1. Vrselja, Z., Daniele, S.G., Silbereis, J. et al. Restoration of brain circulation and cellular functions hours post-mortem. **Nature** 568, 336–343 (2019)

**多物种**

**Multi-Species TGF – 3 Plex**  
**Cat No. TGFBMAG-64K-03**

**Cell culture supernatant**

1. Vaccari, M., Fourati, S., Gordon, S.N. et al. HIV vaccine candidate activation of hypoxia and the inflammasome in CD14+ monocytes is associated with a decreased risk of SIVmac251 acquisition. **Nat Med** 24, 847–856 (2018)

**二、代谢与内分泌试剂盒**

**人类**

**Human Adipokine Panel 2**  
**Cat No. HADK2MAG-61K**

**Cell culture supernatant**

1. Findeisen, M., Allen, T.L., Henstridge, D.C. et al. Treatment of type 2 diabetes with the designer cytokine IC7Fc. **Nature** 574, 63–68 (2019)

**Human Adipocyte**

**Cat No. HADCYMAG-61K**

**blood**

1. Hall, Kevin D. et al. Ultra-Processed Diets Cause Excess Calorie Intake and Weight Gain: An Inpatient Randomized Controlled Trial of Ad Libitum Food Intake. **Cell Metab.** 2019 Jul 2;30(1):67-77.e3.

**小鼠**

**Mouse Metabolic Hormone**  
**Cat No. MMHMAG-44K**

**Plasma**

1. Bravo-San Pedro, José M. et al. Acyl-CoA-Binding Protein Is a Lipogenic Factor that Triggers Food Intake and Obesity. **Cell Metab.** 2019 Oct 1;30(4):754-767.e9.

**Mouse Adipokine**

**Cat No. MADKMAG-71K**

**Plasma**

1. Srikantan, S., Deng, Y., Cheng, Z. et al. The tumor suppressor TMEM127

- regulates insulin sensitivity in a tissue-specific manner. **Nat Commun** 10, 4720 (2019)
2. Cereijo, Rubén et al. CXCL14, a Brown Adipokine that Mediates Brown-Fat-to-Macrophage Communication in Thermogenic Adaptation. **Cell Metab.** 2018 Nov 6;28(5):750-763.e6.

**Mouse Adiponectin –Singleplex**  
**Cat No. MADPNMAG-70K-01**

**Plasma**

1. Bravo-San Pedro, José M. et al. Acyl-CoA-Binding Protein Is a Lipogenic Factor that Triggers Food Intake and Obesity. **Cell Metab.** 2019 Oct 1;30(4):754-767.e9.

**大鼠**

**Rat Thyroid**  
**Cat No. RTHYMAG-30K**

**Serum**

1. Verkerke, A.R.P., Ferrara, P.J., Lin, C. et al. Phospholipid methylation regulates muscle metabolic rate through Ca<sup>2+</sup> transport efficiency. **Nat Metab** 1, 876–885 (2019)

**三、心血管试剂盒**

**小鼠**

**Mouse Acute Phase Panel 2**  
**Cat No. MAP2MAG-76K**

**Serum**

1. Lameijer, M., Binderup, T., van Leent, M.M.T. et al. Efficacy and safety assessment of a TRAF6-targeted nanoimmunotherapy in atherosclerotic mice and non-human primates. **Nat Biomed Eng** 2, 279–292 (2018)

**四、信号通路试剂盒**

**Akt/mTOR (Phosphoprotein) – 11 Plex**  
**Akt/mTOR (Total) – 11 Plex**  
**Cat No. 48-611MAG / 48-612MAG**

1. Caires-Júnior, L.C., Goulart, E., Melo, U. et al. Discordant congenital Zika syndrome twins show differential in vitro viral susceptibility of neural progenitor cells. **Nat Commun** 9, 475 (2018)

**2017 年**



## 一、细胞因子试剂盒

### 人类

#### **Human Cytokine/Chemokine Panel I (Cat. No. HCYTOMAG-60K)**

##### **Serum**

1. Scally C, et al. Persistent Long-Term Structural, Functional, and Metabolic Changes After Stress-Induced (Takotsubo) Cardiomyopathy. *Circulation*. 2017 Nov 11. pii: CIRCULATIONAHA.117.031841. **(IF=19.31)**

##### Cell culture supernatants

1. Yeung ATY, et al. Exploiting induced pluripotent stem cell-derived macrophages to unravel host factors influencing *Chlamydia trachomatis* pathogenesis. *Nat Commun*. 2017 Apr 25;8:15013. **(IF=12.12)**
2. Orecchioni M, et al. Single-cell mass cytometry and transcriptome profiling reveal the impact of graphene on human immune cells. *Nat Commun*. 2017 Oct 24;8(1):1109. **(IF=12.12)**
3. Peters LA, et al. A functional genomics predictive network model identifies regulators of inflammatory bowel disease. *Nat Genet*. 2017 Oct;49(10):1437-1449. **(IF=27.96)**
4. Lavin Y, et al. Innate Immune Landscape in Early Lung Adenocarcinoma by Paired Single-Cell Analyses. *Cell*. 2017 May 4;169(4):750-765.e17. **(IF=30.41)**

### 小鼠

#### **Mouse Cytokine/Chemokine Panel 1 Cat. No. MCYTOMAG-70K**

##### **Serum/Plasma**

1. Shen Z, et al. Hepatitis B virus persistence in mice reveals IL-21 and IL-33 as regulators of viral clearance. *Nat Commun*. 2017 Dec 14;8(1):2119. **(IF=12.12)**
2. Zhao X, et al. JNK1 negatively controls antifungal innate immunity by suppressing CD23 expression. *Nat Med*. 2017 Mar;23(3):337-346. **(IF=29.89)**
3. Ghosh A, et al. Donor CD19 CAR T cells exert potent graft-versus-lymphoma activity with diminished graft-versus-host activity. *Nat Med*. 2017 Feb;23(2):242-249. **(IF=29.89)**
4. Kleppe M, et al. Dual Targeting of Oncogenic Activation and Inflammatory Signaling Increases Therapeutic Efficacy in Myeloproliferative Neoplasms. *Cancer Cell*. 2018 Jan 8;33(1):29-43.e7. **(IF=27.41)**
5. Thevaranjan N, et al. Age-Associated Microbial Dysbiosis Promotes Intestinal Permeability, Systemic Inflammation, and Macrophage Dysfunction. *Cell Host Microbe*. 2017 Apr 12;21(4):455-466.e4. **(IF=14.95)**

##### **Cell culture supernatant**

1. Gong YN, et al. ESCRT-III Acts Downstream of MLKL to Regulate Necroptotic Cell Death and Its Consequences. *Cell*. 2017 Apr

6;169(2):286-300.e16. **(IF=30.41)**

**Special sample**

1. Roymans D, et al. Therapeutic efficacy of a respiratory syncytial virus fusion inhibitor. Nat Commun. 2017 Aug 1;8(1):167. **(IF=12.12)** Lung tissue homogenate

**Mouse CD8+ T cell  
(Cat. No. MCD8MAG-48K)**

**Cell culture supernatants**

1. Singh M, et al. Intratumoral CD40 activation and checkpoint blockade induces T cell-mediated eradication of melanoma in the brain. Nat Commun. 2017 Nov 13;8(1):1447. **(IF=12.12)**

**非人灵长类**

**Non-Human Primate Cytokine/Chemokine Panel 1  
(Cat. No. PRCYTOMAG-40K)**

**Serum/Plasma**

1. Aid M, et al. Zika Virus Persistence in the Central Nervous System and Lymph Nodes of Rhesus Monkeys. Cell. 2017 May 4;169(4):610-620.e14. **(IF=30.41)**

**二、代谢与内分泌试剂盒**

**人类**

**Human Adipokine Panel 2  
(Cat. No. HADK2MAG-61K)**

**Serum/Plasma**

1. Liu R, et al. Gut microbiome and serum metabolome alterations in obesity and after weight-loss intervention. Nat Med. 2017 Jul;23(7):859-868. **(IF=29.89)**

**小鼠**

**Mouse Pituitary and Multi-Species Steroid/Thyroid Hormone  
(Cat. No. MPTMAG-49K and Cat. No. STTHMAG-21K)**

**Plasma**

1. Müller-Fielitz H, et al. Tanycytes control the hormonal output of the hypothalamic-pituitary-thyroid axis. Nat Commun. 2017 Sep 7;8(1):484. **(IF=12.12)**
2. Hine C, et al. Hypothalamic-Pituitary Axis Regulates Hydrogen Sulfide Production. Cell Metab. 2017 Jun 6;25(6):1320-1333.e5. **(IF=18.16)**
3. Ying W, et al. Adipose tissue B2 cells promote insulin resistance through leukotriene LTB4/LTB4R1 signaling. J Clin Invest. 2017 Mar 1;127(3):1019-1030. **(IF=12.78)**

**Mouse Metabolic Hormone  
(Cat. No. MMHMAG-44K)**

### Serum

1. Weis S, et al. Metabolic Adaptation Establishes Disease Tolerance to Sepsis. *Cell*. 2017 Jun 15;169(7):1263-1275.e14. (IF=30.41)

### 2016 年

#### 一、细胞因子试剂盒

##### 人类

#### Human Cytokine/Chemokine Panel I (Cat. No. HCYTOMAG-60K)

##### Plasma

1. Kløverpris HN, et al. Innate Lymphoid Cells Are Depleted Irreversibly during Acute HIV-1 Infection in the Absence of Viral Suppression. *Immunity*. 2016 Feb 16;44(2):391-405. (IF=24.09)
2. Ruibal P, et al. Unique human immune signature of Ebola virus disease in Guinea. *Nature*. 2016 May 5;533(7601):100-4. (IF=38.14)
3. Starokadomskyy P, et al. DNA polymerase- $\alpha$  regulates the activation of type I interferons through cytosolic RNA:DNA synthesis. *Nat Immunol*. 2016 May;17(5):495-504. (IF=19.38)
4. Nievergall E, et al. TGF- $\alpha$  and IL-6 plasma levels selectively identify CML patients who fail to achieve an early molecular response or progress in the first year of therapy. *Leukemia*. 2016 Jun;30(6):1263-72. (IF=12.10)

##### Cell culture supernatant

1. Zhong FL, et al. Germline NLRP1 Mutations Cause Skin Inflammatory and Cancer Susceptibility Syndromes via Inflammasome Activation. *Cell*. 2016 Sep 22;167(1):187-202.e17. (IF=28.71)

#### Human Th17 (Cat. No. HTH17MAG-14K)

##### Cell culture supernatant

1. Babon JA, et al. Analysis of self-antigen specificity of islet-infiltrating T cells from human donors with type 1 diabetes. *Nat Med*. 2016 Dec;22(12):1482-1487. (IF=30.36) culture
2. Ohne Y, et al. IL-1 is a critical regulator of group 2 innate lymphoid cell function and plasticity. *Nat Immunol*. 2016 Jun;17(6):646-55. (IF=19.38)

#### Human High Sensitivity T Cell (Cat. No. HSTCMAG-28SK)

##### Plasma

1. Beer LA, et al. Baseline Immunoglobulin E Levels as a Marker of Doxorubicin-

and Trastuzumab-Associated Cardiac Dysfunction. **Circ Res.** 2016 Oct 28;119(10):1135-1144. (IF=11.55)

## 小鼠

### Mouse Cytokine/Chemokine Panel I (Cat. No. MCYTOMAG-70K)

#### Serum/Plasma

1. Damgaard RB, et al. The Deubiquitinase OTULIN Is an Essential Negative Regulator of Inflammation and Autoimmunity. **Cell.** 2016 Aug 25;166(5):1215-1230.e20. (IF=28.71)
2. Kojima Y, et al. CD47-blocking antibodies restore phagocytosis and prevent atherosclerosis. **Nature.** 2016 Aug 4;536(7614):86-90. (IF=38.14)
3. Poulos MG, et al. Endothelial-specific inhibition of NF- $\kappa$ B enhances functional haematopoiesis. **Nat Commun.** 2016 Dec 21;7:13829. (IF=11.33)
4. Kumari M, et al. IRF3 promotes adipose inflammation and insulin resistance and represses browning. **J Clin Invest.** 2016 Aug 1;126(8):2839-54. (IF=12.58)

#### Cell culture supernatant

1. Damgaard RB, et al. The Deubiquitinase OTULIN Is an Essential Negative Regulator of Inflammation and Autoimmunity. **Cell.** 2016 Aug 25;166(5):1215-1230.e20. (IF=28.71)
2. Seifert L, et al. The necrosome promotes pancreatic oncogenesis via CXCL1 and Mincle-induced immune suppression. **Nature.** 2016 Apr 14;532(7598):245-9. (IF=38.14)
3. Kurdi AT, et al. Tiam1/Rac1 complex controls Il17a transcription and autoimmunity. **Nat Commun.** 2016 Oct 11;7:13048. (IF=11.33)

#### Special sample

1. De Henau O, et al. Overcoming resistance to checkpoint blockade therapy by targeting PI3K $\gamma$  in myeloid cells. **Nature.** 2016 Nov 17;539(7629):443-447. (IF=38.14) Tumor lysate
2. Zackular JP, et al. Dietary zinc alters the microbiota and decreases resistance to *Clostridium difficile* infection. **Nat Med.** 2016 Nov;22(11):1330-1334. (IF=30.36) Ceca tissue lysate
3. Moynihan KD, et al. Eradication of large established tumors in mice by combination immunotherapy that engages innate and adaptive immune responses. **Nat Med.** 2016 Dec;22(12):1402-1410. (IF=30.36) Tumor lysate
4. Richmond BW, et al. Airway bacteria drive a progressive COPD-like phenotype in mice with polymeric immunoglobulin receptor deficiency. **Nat Commun.** 2016 Apr 5;7:11240. (IF=11.33) BAL fluid

### Mouse Th17 (Cat. No. MTH17MAG-47K)

#### Cell culture supernatant

1. Griffiths KL, et al. Targeting dendritic cells to accelerate T-cell activation

overcomes a bottleneck in tuberculosis vaccine efficacy. **Nat Commun.** 2016 Dec 22;7:13894. (IF=11.33)

**Mouse CD8+ T Cell  
(Cat. No. MCD8MAG-48K)**

**Special sample**

1. De Henau O, et al. Overcoming resistance to checkpoint blockade therapy by targeting PI3K $\gamma$  in myeloid cells. **Nature.** 2016 Nov 17;539(7629):443-447. (IF=38.14) Tumor lysate

**多物种**

**Multi-species TGF $\beta$ -3 Plex  
(Cat. No. TGFBMAG-64K-03)**

**Cell culture supernatant**

1. Yang J, et al. Targeting LOXL2 for cardiac interstitial fibrosis and heart failure treatment. **Nat Commun.** 2016 Dec 14;7:13710. (IF=11.33)

**二、代谢类试剂盒**

**人类**

**Human Adipokine Panel 1  
(Cat. No. HADK2MAG-61K)**

**Plasma**

1. Ho GY, et al. Associations of Insulin and IGFBP-3 with Lung Cancer Susceptibility in Current Smokers. **J Natl Cancer Inst.** 2016 Apr 12;108(7). (IF=11.37)

**小鼠**

**Mouse Metabolic Hormone  
(Cat. No. MMHMAG-44K)**

**Serum/Plasma**

1. Schwarzer M, et al. Lactobacillus plantarum strain maintains growth of infant mice during chronic undernutrition. **Science.** 2016 Feb 19;351(6275):854-7. (IF=34.66)
2. Plovier H, et al. A purified membrane protein from Akkermansia muciniphila or the pasteurized bacterium improves metabolism in obese and diabetic mice. **Nat Med.** 2016 Nov 28. (IF=30.36)

**三、抗体分型试剂盒**

## 人类

### **Human Immunoglobulin Isotyping (Cat. No. HGAMMAG-301K)**

#### **Plasma**

1. Beer LA, et al. Baseline Immunoglobulin E Levels as a Marker of Doxorubicin- and Trastuzumab-Associated Cardiac Dysfunction. **Circ Res.** 2016 Oct 28;119(10):1135-1144. (IF=11.55)

#### **Cell culture supernatant**

1. Schultz BT, et al. Circulating HIV-Specific Interleukin-21(+)CD4(+) T Cells Represent Peripheral Tfh Cells with Antigen-Dependent Helper Functions. **Immunity.** 2016 Jan 19;44(1):167-78. (IF=24.09)

## 小鼠

### **Mouse Immunoglobulin Isotyping (Cat. No. MGAMMAG-300K)**

#### **Serum**

1. Cruz AC, et al. Fas/CD95 prevents autoimmunity independently of lipid raft localization and efficient apoptosis induction. **Nat Commun.** 2016 Dec 23;7:13895. (IF=11.33)

## 四、肿瘤标志物试剂盒

## 人类

### **Human Angiogenesis/Growth Factor Panel 1 (Cat. No. HAGP1MAG-12K)**

#### **Serum/Plasma**

1. Holtan SG, et al. Late acute graft versus host disease: a prospective analysis of clinical outcomes and circulating angiogenic factors. **Blood.** 2016 Sep 13. pii: blood-2015-09-669846. (IF=11.84)
2. Kariminia A, et al. Heterogeneity of chronic graft-versus-host disease biomarkers: association with CXCL10 and CXCR3+ NK cells. **Blood.** 2016 Jun 16;127(24):3082-91. (IF=11.84)