

**Human CD3 Positive Selection Kit (18051)**

Beeton C, Wulff H, Standifer NE, Azam P, Mullen KM, Pennington MW, Kolski-Andreaco A, Wei E, Grino A, Counts DR, Wang PH, Leehealey CJ, S Andrews B, Sankaranarayanan A, Homerick D, Roeck WW, Tehranzadeh J, Stanhope KL, Zimin P, Havel PJ, Griffey S, Knaus HG, Nepom GT, Gutman GA, Calabresi PA, Chandy KG: Kv1.3 channels are a therapeutic target for T cell-mediated autoimmune diseases. *PNAS*. 103(46): 17414-17419, 2006

Wencker M, Sausse C, Derse D, Gazzolo L, Dodon MD: HTLV-1 Tax Protein Down-regulates the Pre-TCR{alpha} Gene Transcription in Human Immature Thymocytes. *J Virol*. 2006 (Epub ahead of print)

**Human CD4 Positive Selection Kit (18052)**

Li J, Sai T, Berger M, Chao Q, Davidson D, Deshmukh G, Drozdowski B, Ebel W, Harley S, Henry M, Jacob S, Kline B, Lazo E, Rotella F, Routhier E, Rudolph K, Sage J, Simon P, Yao J, Zhou Y, Kavuru M, Bonfield T, Thomassen MJ, Sass PM, Nicolaides NC, Grasso L: Human antibodies for immunotherapy development generated via a human B cell hybridoma technology. *PNAS*. 103(10): 3557-62, 2006

**Human CD19 Positive Selection Kit (18054)**

Isham CR, Tibodeau JD, Jin W, Xu R, Timm MM, Bible KC: Chaetocin, a promising new anti-myeloma agent with in vitro and in vivo activity mediated via imposition of oxidative stress. *Blood*. 2006 (Epub ahead of print)

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**Human CD56 Positive Selection Kit (18055)**

Fujii H, Trudeau JD, Teachey D, Fish JD, Grupp SA, Schultz KR, Reid GS: In vivo control of acute lymphoblastic leukemia by immunostimulatory CpG oligonucleotides. *Blood*. 2006 (Epub ahead of print)

**Human CD34 Positive Selection Kit (18056)**

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Curat CA, Miranville A, Sengenès C, Diehl M, Tonus C, Busse R, Bouloumie A: From blood monocytes to adipose tissue-resident macrophages: induction of diapedesis by human mature adipocytes. *Diabetes*. 53(5): 1285-92, 2004

Hidalgo A, Frenette PS: Enforced fucosylation of neonatal CD34<sup>+</sup> cells generates selectin ligands that enhance the initial interactions with microvessels but not homing to bone marrow. *Blood* 105(2): 567-575, 2005

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Miranville A, Heeschen C, Sengenès C, Curat CA, Busse R, Bouloumie A: Improvement of postnatal neovascularization by human adipose tissue-derived stem cell. *Circulation* 110:349-355, 2004

Sundstrom JB, Little DM, Villinger F, Ellis JE, Ansari AA: Signaling through Toll-like receptors triggers HIV-1 replication in latently infected mast cells. *J Immunol*. 172(7): 4391-401, 2004

Wognum AW, Eaves AC, Thomas TE: Identification and isolation of hematopoietic stem cells. *Arch Med Res* 34: 461-475, 2003

Wunderlich M, Krejci O, Wei J, Mulloy JC: Human CD34+ cells expressing the inv(16) fusion protein exhibit a myelomonocytic phenotype with greatly enhanced proliferative ability. *Blood*. 108(5): 1690-7, 2006

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#### **Human CD14 Positive Selection Kit (18058)**

Chen W, Antonenko S, Sederstrom JM, Liang X, Chan AS, Kanzler H, Blom B, Blazar BR, Liu YJ: Thrombopoietin cooperates with FLT3-ligand in the generation of plasmacytoid dendritic cell precursors from human hematopoietic progenitors. *Blood*. 103(7): 2547-53, 2004

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#### **Human CD138 Positive Selection Kit (18357)**

Ng PP, Helguera G, Daniels TR, Lomas SZ, Rodriguez JA, Schiller G, Bonavida B, Morrison SL, Penichet ML: Molecular events contributing to cell death in malignant human hematopoietic cells elicited by an IgG3-avidin fusion protein targeting the transferrin receptor. *Blood*. 108(8): 2745-54, 2006

#### **Human T Cell Enrichment Kit (19051)**

White L, Krishnan S, Strbo N, Liu H, Kolber MA, Lichtenheld MG, Pahwa R, Pahwa S: Differential effects of IL-21 and IL-15 on perforin expression, lysosomal degranulation and proliferation in CD8 T cells of patients infected with Human Immunodeficiency Virus-1 (HIV). *Blood*. 2006 (Epub ahead of print)

#### **Human CD4<sup>+</sup> T Cell Enrichment Kit (19052)**

Bernstein HB, Plasterer MC, Schiff SE, Kitchen CM, Kitchen S, Zack JA: CD4 expression on activated NK cells: ligation of CD4 induces cytokine expression and cell migration. *J Immunol*. 177(6): 3669-76, 2006

Fahey AJ, Robins RA, Constantinescu CS: Reciprocal effects of IFN- $\beta$  and IL-12 on STAT4 activation and cytokine induction in T cells. *J Leukoc Biol*. 2007 (Epub ahead of print)

Gilbert C, Cantin R, Barat C, Tremblay MJ: HIV-1 replication in dendritic cell/T-cell co-cultures is increased upon incorporation of host LFA-1 due to a higher virus productive infection in immature dendritic cells. *J Virol*.

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#### **Human CD8<sup>+</sup> T Cell Enrichment Kit (19053)**

Fahey AJ, Robins RA, Constantinescu CS: Reciprocal effects of IFN- $\beta$  and IL-12 on STAT4 activation and cytokine induction in T cells. *J Leukoc Biol.* 2007 (Epub ahead of print)

Grimbert P, Bouguermouh S, Baba N, Nakajima T, Allakhverdi Z, Braun D, Saito H, Rubio M, Delespesse G, Sarfati M Thrombospondin/CD47 Interaction: A Pathway to Generate Regulatory T Cells from Human CD4<sup>+</sup>CD25<sup>+</sup>T Cells in Response to Inflammation. *J Immunol.* 177(6):3534-41, 2006

White L, Krishnan S, Strbo N, Liu H, Kolber MA, Lichtenheld MG, Pahwa R, Pahwa S: Differential effects of IL-21 and IL-15 on perforin expression, lysosomal degranulation and proliferation in CD8 T cells of patients infected with Human Immunodeficiency Virus-1 (HIV). *Blood.* 2006 (Epub ahead of print)

#### **Human B Cell Enrichment Kit (19054)**

Balakrishnan K, Nimmanapalli R, Ravandi F, Keating MJ, Gandhi V: Forodesine, an inhibitor of purine nucleoside phosphorylase, induces apoptosis in chronic lymphocytic leukemia cells. *Blood.* 108(7):2392-8, 2006

Isham CR, Tibodeau JD, Jin W, Xu R, Timm MM, Bible KC: Chaetocin, a promising new anti-myeloma agent with in vitro and in vivo activity mediated via imposition of oxidative stress. *Blood.* 2006 (Epub ahead of print)

Martin G, Roy J, Barat C, Ouellet M, Gilbert C, Tremblay MJ: Human Immunodeficiency Virus Type 1-Associated CD40 Ligand Transactivates B Lymphocytes and Promotes Infection of CD4<sup>+</sup> T Cells. *J virol.* 81(11): 5872-81, 2007

#### **Human Monocyte Enrichment Kit (19058)**

Newman SL, Gootee L, Hilty J, Morris RE: Human macrophages do not require phagosome acidification to mediate fungistatic/fungicidal activity against *Histoplasma capsulatum*. *J Immunol.* 176(3): 1806-13, 2006

#### **Human CD4<sup>+</sup>, CD56<sup>+</sup> Selection (18052, 18055)**

Forthal DN, Landucci G, Phan TB, Becerra J: Interactions between natural killer cells and antibody Fc result in enhanced antibody neutralization of human immunodeficiency virus type 1. *J Virol* 79(4): 2042-2049, 2005

#### **Human NK Cells Positive Selection (18055, 18551)**

Bonaparte MI, Barker E: Killing of human immunodeficiency virus-infected primary T-cell blasts by autologous natural killer cells is dependent on the ability of the virus to alter the expression of major histocompatibility complex class I molecules. *Blood* 104(7): 2087-2094, 2004

### **Human CD45<sup>+</sup> Depletion (18259)**

Baksh D, Davies JE, Zandstra PW: Adult human bone marrow-derived mesenchymal progenitor cells are capable of adhesion-independent survival and expansion. [Exp Hematol 31: 723-732, 2003](#)

Carlsten M, Bjorkstrom NK, Norell H, Bryceson Y, van Hall T, Baumann BC, Hanson M, Schedvins K, Kiessling R, Ljunggren HG, Malmberg KJ: DNAX Accessory Molecule-1 Mediated Recognition of Freshly Isolated Ovarian Carcinoma by Resting Natural Killer Cells. [Cancer Res. 67\(3\): 1317-25, 2007](#)

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### **Human CD27<sup>+</sup> Selection - Custom**

Wulff H, Knaus HG, Pennington M, Chandy KG: K<sup>+</sup> channel expression during B cell differentiation: implications for immunomodulation and autoimmunity. [J Immunol 173\(2\):776-786, 2004](#)