Human B Cell Research Products

From starting samples to B cell analysis reagents, explore our complete portfolio of products* to support your human B cell research workflow.

Source Your Starting Sample Human Primary Cells Begin your B cell workflow with a variety Peripheral Blood Fresh or Frozen of starting samples, such as whole blood, **Cord Blood** Blood **Mononuclear Cells Human B Cells** leukopaks, or cord blood, or start directly from fresh or frozen primary cells. **Isolate Human B Cells** Immunomagnetic B Cell Isolation Isolate B cells via density gradient centrifugation. Isolate unlabeled B cells in as little as 9 minutes using negative selection. RosetteSep™ Cell Enrichment Cocktails EasySep™ Cell Isolation Kits Isolate PBMCs in just 15 minutes. SepMate™ PBMC Isolation Tubes (85415, 85450) OR-SepMate™ PBMC Isolation Lymphoprep™ Density Gradient Medium (07801) Tubes (85415, 85450) Isolate B cells using positive selection. EasySep™ Positive Selection Kits Lymphoprep™ Density Gradient Isolate B cells directly from whole blood using Medium (07801) immunomagnetic cell isolation. EasySep™ Direct Human B Cell Isolation Kits Positively select B cells and then release bound magnetic particles. EasySep™ Direct Human B-CLL Cell Isolation Kit (19664) EasySep™ Release Human CD19 Positive EasySep™ Direct HLA B Cell Isolation Kit (89684) Selection Kit (17754) **Culture and Expand Human B Cells Human B Cells** Why Use Our Cell Separation Technologies? FAST. Isolate various B cell subsets in as little as 9 minutes. Expand human B cells without the use VERSATILE. Isolate cells from virtually any sample source. of serum and feeders. HIGH PURITY. Achieve up to 99% cell purity with high ImmunoCult™-XF B Cell Base Medium (100-0645) ImmunoCult™-ACF Human B Cell Expansion GENTLE. Obtain viable, functional cells without the need Supplement (10974) for columns and washes AUTOMATABLE. Scale up your cell separation throughput Cvtokines using RoboSep™ instruments. **Analyze and Cryopreserve Cultured Human Human B Cells** Catalog #s shown in () B Cell Analysis B Cell Cryopreservation Diagnostic Testing on B Cells *Certain products are only available in select territories. Please contact your sales Characterize and evaluate B cells Cryopreserve B cells in Characterize and evaluate B cells representative or the Product & Scientific cGMP-manufactured media and for diagnostic testing. Antibodies Support team at techsupport@stemcell.com standardize your thawing process. HLA Testing: crossmatch assay and for further information. FLISAs CryoStor® chimerism analysis Viability Dyes ThawSTAR® CFT2 Automated Hematological Malignancy Testing: Molecular Biology Tools fluorescence in situ hybridization (FISH), Thawing System (100-0650) Learn more at (for gene expression analysis) flow cytometry, or DNA/RNA extraction www.stemcell.com/bcellresearch

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