



stemexpress®

# Isolated Cells & CellsExpress™

High-quality, cryopreserved cells direct from our inventory and customizable cell isolations specific to your projects

## StemExpress Isolated Cells

We understand the importance of having the quality cells you need, when you need them, from human donors whose attributes are relevant for your research. In addition to providing high quality starting materials like fresh and frozen Leukopaks, mobilized Leukopaks, bone marrow, and cord blood for researchers to use in their downstream applications; StemExpress also maintains an extensive inventory of cryopreserved immune and stem cells. We isolate our cells from fresh starting material immediately after collection to maximize viability and use only the highest quality reagents for our processing and cryopreservation process. Our staff scientists follow qualified processes to ensure viability, purity, and replicable results in your downstream applications.

- ✓ Select for data like: Donor age, race, gender, blood type and lifestyle attributes like non-smoker or medical history (i.e., vaccination status)
- ✓ Select cell lots for a specific HLA or blood type or additional infectious disease testing information
- ✓ Order cells in bulk with **CellsExpress™**



[orders@stratech.co.uk](mailto:orders@stratech.co.uk)

[stratech.co.uk/stemexpress](https://stratech.co.uk/stemexpress)

# Isolated Cells

We can select cell lots for a specific HLA or blood type or with additional infectious disease testing information to ensure you can screen multiple donors to find the perfect one for your assay. Donor age, race, gender, blood type and lifestyle attributes (like non-smoker) or medical history (like vaccination status) are all data points you can choose from when selecting the best cryopreserved cell lot for your needs.

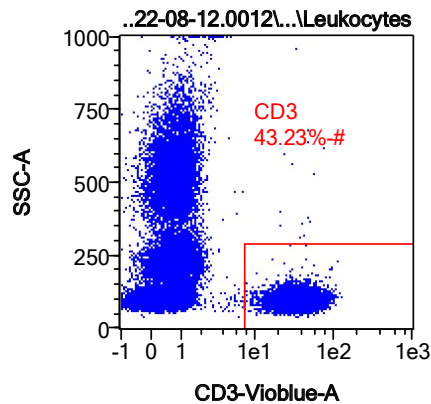
Our isolated human immune and stem cell products can be used for basic research, early-stage R&D and process development or for selecting the best donor for your future clinical project. We offer a variety of high-quality, cryopreserved cells direct from our inventory or we can customize specific cell isolations for your projects.



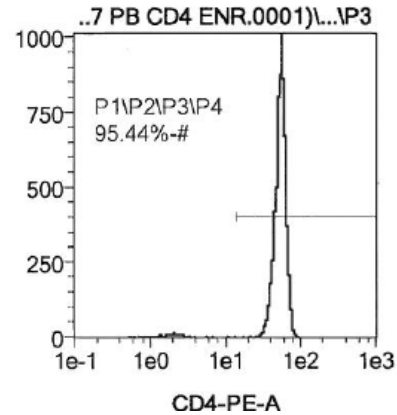
- ✓ Fresh or frozen
- ✓  $\geq 80\%$  post thaw viability /  $\geq 85\%$  purity
- ✓ Standard overfill to ensure cell counts

- ✓ Custom vial sizes for special projects
- ✓ Custom cell concentrations
- ✓ HBV, HCV, and HIV Negative

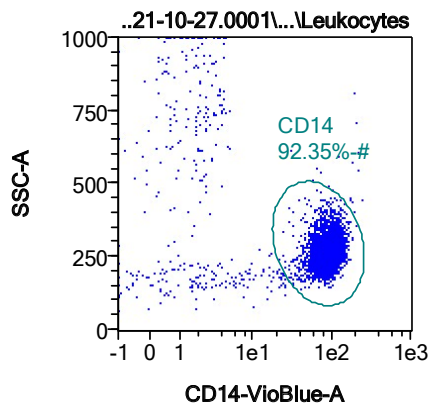
CD3+ Flow Data



CD4+ Flow Data



CD14+ Flow Data



## Customization

Need customized cells? Contact one of our experts to see how we can tailor our isolated cell collections to meet your project needs.

- Recallable donors
- Donor demographics & lifestyle characteristics
- Medical history
- HLA, RhD, and ABO typing available
- Additional infectious disease screening

# Isolated Cells Product List

Product Code	Description	Positive or Negative Selection	Cell Count
PBMNC015C	Peripheral Blood Mononuclear Cells	N/A	1.5x10e7
PBMNC025C	Peripheral Blood Mononuclear Cells	N/A	2.5x10e7
PBMNC050C	Peripheral Blood Mononuclear Cells	N/A	5.0 x10e7
PBMNC0100C	Peripheral Blood Mononuclear Cells	N/A	1.0x10e8
PBMNC300C	Peripheral Blood Mononuclear Cells	N/A	3.0x10e8
PB03020C	Peripheral Blood CD3+ Cells	Negative	2.0x10e7
PB03030C	Peripheral Blood CD3+ Cells	Negative	3.0x10e7
PB03040C	Peripheral Blood CD3+ Cells	Negative	4.0x10e7
PB445RA005C	Peripheral Blood CD4+CD45RA+	Negative	5.0 x 10E6
PB04010C	Peripheral Blood CD4+ Cells	Negative	1.0 x 10E7
PB04015C	Peripheral Blood CD4+ Cells	Negative	1.5x10e7
PB445RO05C	Peripheral Blood CD4+ CD45RO+	Negative	5.0 x 10E6
PB425002C	Peripheral Blood CD4+ CD25+	Positive or Negative	2.0 x 10E6
PB08010C	Peripheral Blood CD8+ Cells	Negative	1.0 x 10E7
PB845RA005C	Peripheral Blood CD8+ CD45RA+	Positive or Negative	5.0 x 10E6
PB56005C	Peripheral Blood CD56+ Cells	Negative	5.0 x 10E6
PB14010C	Peripheral Blood CD14+ Cells	Negative	1.0 x 10E7
PB14020C	Peripheral Blood CD14+ Cells	Negative	2.0 x 10E7
PB14040C	Peripheral Blood CD14+ Cells	Negative	4.0 x 10E7
PB1927N00.5C	Peripheral Blood CD19+CD27-	Negative	5.0 x 10E5
PB1927N01C	Peripheral Blood CD19+CD27-	Negative	1.0 x 10E6
PB1927N02C	Peripheral Blood CD19+CD27-	Negative	2.0 x 10E6
PB19010C	Peripheral Blood CD19+ Cells	Negative	1.0 x 10E7
PB192700.5C	Peripheral Blood CD19+ CD27+	Negative or Positive	5.0 x 10E5
PB192701C	Peripheral Blood CD19+ CD27+	Negative or Positive	1.0 x 10E6
PB192702C	Peripheral Blood CD19+ CD27+	Negative or Positive	2.0 x 10E6
PBMAC001.5C	Peripheral Blood Macrophages	Cultured	1.5 x 10E6
PBIDC01.5C	Peripheral Blood Immature DC	Cultured	1.5 x 10E6
PBEOS01C	Peripheral Blood Eosinophils	Negative	1.0 x 10E6
PBBAS00.2C	Peripheral Blood Basophils	Negative	2.0 x 10E5
PBBAS00.3C	Peripheral Blood Basophils	Negative	3.0 x 10E5

## ORDERING & SHIPPING

[orders@stratech.co.uk](mailto:orders@stratech.co.uk)  
[stratech.co.uk/stemexpress](http://stratech.co.uk/stemexpress)



# CellsExpress™

CellsExpress™ Custom Isolated Cells allows you to *maximize* the output of isolated cells from our high-quality Leukopaks without having to do the work yourself! Spend less time isolating cells via lengthy density gradient processing and avoid purchasing expensive magnetic bead separation kits - our new service has you covered. Need matching cell types from the same donor? No problem. Need multiple vial sizes to assist with replicates for your experiments? We have those. As a technician would you rather be analyzing your data and planning your next experiment after a long day of processing a 15B total nucleated cell Leukopak? Or spending your valuable time on the tedious process of freezing down cells? *We hear you.* At last, you can leave the cell isolation to our experts and spend more time on your research.



- ✓ Primary cells isolated from 1 x 10e10 TNC/Full LP
- ✓ Custom vial sizes for special projects
- ✓ Multiple cell isolations from one Leukopak
- ✓ HBV, HCV, and HIV Negative
- ✓ ≥ 80% Post Thaw viability / ≥ 85% purity
- ✓ Multiple cell types from same donor

For CellsExpress™ Custom Isolated Cells we process up to 10 billion TNCs (the guaranteed cell count for our standard Leukopaks) to the cell type of your interest. Pricing includes up to two different cell concentrations or vial sizes. For an additional fee you can request multiple cell types to be isolated from the same Leukopak. All cryopreserved products include our standard overfill to ensure the cell count per vial and viability meets with our certificate of analysis reporting. All cell isolation reports are reviewed by Quality Assurance.

## Customization

We provide customizable options to ensure you receive the isolated cells that meet your specific project.

- Recallable donors
- Donor demographics & lifestyle characteristics
- Medical history
- HLA, RhD, and ABO typing available
- Additional infectious disease screening
- Collection scheduling
- Custom vial sizes

## CellsExpress™ Product List

Product Code	Description	Name
BULKCD3ISO	Hu PB CD3+ Bulk Isolation	CD3BULK
BULKCD4ISO	Hu PB CD4+ Bulk Isolation	CD4BULK
BULKCD8ISO	Hu PB CD8+ Bulk Isolation	CD8BULK
BULKCD19ISO	Hu PB CD19+ Bulk Isolation	CD19BULK
BULKCD14ISO	Hu PB CD14+ Bulk Isolation	CD14BULK
BULKCD56ISO	Hu PB CD56+ Bulk Isolation	CD56BULK
BULKPBMNCSISO	Hu PB MNC Bulk Isolation	CDPBMNCBULK

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