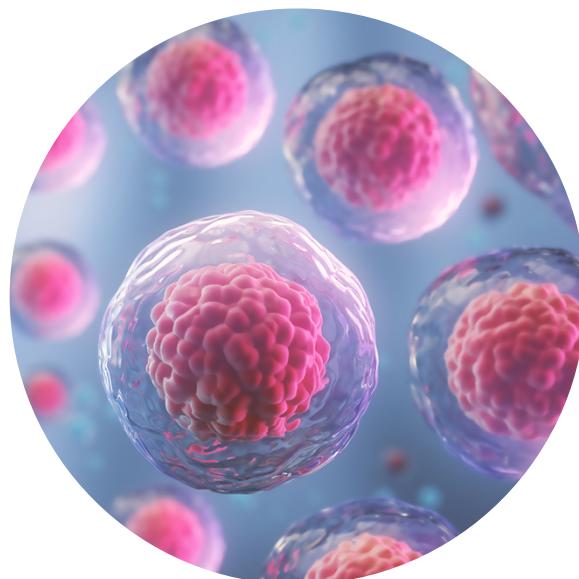


# Normal Human CD8+ T Cells

HC-0029



This product is for Research Use Only.  
This product is not approved for human or  
veterinary use or for use in in vitro  
diagnostics or clinical procedures.



**LIFELINE**<sup>®</sup>  
CELL TECHNOLOGY

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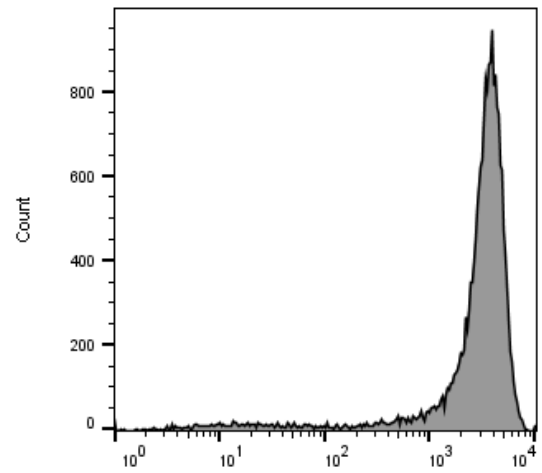
## Product Description

Lifeline's Human CD8+ T Cells provide an ideal culture model for the study of immunology. Lifeline's Human CD8+ T Cells are purified from leukapheresed peripheral blood using immunomagnetic negative selection.

Human CD8+ T Cells are cryopreserved directly after isolation to ensure optimal phenotype and the highest viability and plating efficiency. Our Human CD8+ T Cells are quality tested via flow cytometry to ensure the enrichment of CD8+ cells.

Lifeline's CD8+ T Cells are maintained in a suspension culture. CD8+ T Cells will not proliferate under maintenance conditions.

Lifeline's CD8+ T Cells are not exposed to antimicrobials or phenol red. Lifeline offers antimicrobials and phenol red; however, they are not required for eukaryotic cell proliferation. A vial of Gentamicin and Amphotericin B (GA [LS-1117](#)) is provided with the purchase of RPMI-1640 Medium Complete Kit ([LL-0066](#)) for your convenience.



**T cells after purification**

### CELL FEATURES:

- Human CD8+ T Cells are cryopreserved at  $5 \times 10^6$  cells per vial.
- Human CD8+ T Cells are extensively tested for quality and optimal performance.
- Lifeline guarantees performance and quality.

### HUMAN CD8+ T CELLS ARE TESTED FOR:

Cell Count	Human CD8+ T Cells $\geq 5 \times 10^6$ cells per vial
Cell Viability	Minimum 80% viability when thawed from cryopreservation
Sterility Testing	Negative for mycoplasma Negative for bacterial and fungal growth
Virus Testing	Negative for HIV-1, HIV-2, HBV, and HCV by PCR
Flow Cytometry Analysis	> 80% positive for CD8



Call Lifeline Technical Service and Sales at **877.845.7787**

Or visit [lifelinecelltech.com](http://lifelinecelltech.com) for more information

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Part #	Description
<a href="#">HC-0029</a>	Human CD8+ Cytotoxic T cells, – 5 x 10 <sup>6</sup> cells per vial
<a href="#">LL-0066</a>	RPMI 1640 Medium Complete Kit (RPMI 1640 Basal Medium, Fetal Bovine Serum, Gentamicin and Amphotericin B)
<a href="#">LM-0025</a>	RPMI 1640 Basal Medium, 100 ml
<a href="#">LS-1012</a>	Fetal Bovine Serum, LS-1012, 10 ml
<a href="#">LS-1117</a>	GA Antimicrobial Supplement, 1.0 mL (Gentamicin 3.0 mg/mL, Amphotericin B 1.5 µg/mL)
<a href="#">LL-0079</a>	CD8+ Pan T Cells, 5M System Complete Kit (includes LL-0066 + HC-0029)

## Quality Tested for Guaranteed Consistency and Reproducible Results

Lifeline Cell Technology manufactures products using the highest quality raw materials and incorporates extensive quality assurance in every production run. Exacting standards and production procedures ensure consistent performance.

## The Lifeline Guarantee

Lifeline’s rigorous quality control ensures sterility and performance to standardized testing criteria. Upon request, Lifeline will provide lot specific QC test results, material safety data sheets, and certificates of analysis. See complete guarantee/warranty statement at [lifelinecelltech.com](http://lifelinecelltech.com) or contact your Lifeline representative for more information.

All donated tissues have been obtained under proper informed consent and adheres to the Declaration of Helsinki, The Human Tissue Act (UK), CFR Title 21, and HIPAA Regulations relative to obtaining and handling human tissue for Research Use.

## Safety Statement

Lifeline recommends storing cryopreserved vials in liquid nitrogen vapor phase. Handle cryopreserved vials with caution. Always wear eye protection and gloves when working with cell cultures. Aseptically vent any liquid nitrogen from cryopreserved vials by carefully loosening the vial cap in a biosafety cabinet prior to thawing the vials in a water bath. If vials must be stored in liquid phase, the vials should be transferred to vapor phase storage or -80°C for up to 24 hours prior to being thawed.

***§Lifeline defines positive expression as when greater than 80% for CD8 of the cell population expresses that cell marker.***



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