Human CD34 Positive (CD34+) Bone Marrow Cells

Order Information

Catalog Number  ASE-5131
Quantity  > 5.0 x 10^5 cells/mL

Product Information

Description  Human CD34+ bone marrow cells are derived from whole bone marrow and purified using magnetic cell separation. Human CD34+ bone marrow cells may be from a single or multiple donors and are 95% pure populations as confirmed by FACS analysis. These cell types enable researchers to produce various cell types using standard published protocols. In addition, CD34+ bone marrow cells can be used for various studies on hematopoiesis, differentiation, angiogenesis, colony formation, and surface marker expression. Presently, they are one of the most widely used cell types for various therapeutic applications.

Origin  Human
Development Period  Postnatal
Disease State  Normal
Quality Control  All cell processing is validated under strict protocols with IRB approval. All cells are guaranteed to meet or exceed customer’s expectations when handled according to instructions.

Passage number: Frozen cells (P0)
Viability: >60%
Cryopreservation solution: 10% DMSO
Test Conditions

Cells are grown and passed to determine sterility and mycoplasma for all lots. In addition, viability is determined prior to and after freezing. All cells are confirmed to be highly pure by molecular, cellular, or protein assays with their specific markers.

Storage and Handling

Handling Instructions

Frozen cells are shipped on dry ice. Upon arrival, place into -196°C (LN2) for long term storage or subculture immediately.

Storage Conditions

Store at -196°C (LN2) upon receipt until ready to culture.

Storage Solution

10% DMSO

References


Precautions and Disclaimers

Warranty

Applied StemCell is committed to providing only superior-quality research products. Our products are specifically intended for research purposes only and are guaranteed to perform according to documented product specifications. Full warranty information for the products may be requested from our technical support or sales team at the numbers provided below.

Product Use/Safety Statement

CELLS ARE FOR RESEARCH USE ONLY. Not approved for human or veterinary use, in vitro diagnostics, or clinical procedures.

WARNING: THE ACCOMPANYING PRODUCT CONTAINS HUMAN SOURCE MATERIAL. TREAT AS POTENTIALLY INFECTIOUS. All donors are tested for the presence of HIV-1, HIV-2, Hepatitis B Virus, and Hepatitis C Virus.