HEMATOPOIETIC CELLS

ADULT BLOOD

Human Adult Peripheral Blood Mononuclear Cells (PBMC)

Abcell-bio offers peripheral blood mononuclear cells (PBMC) isolated from human adult blood using gradient density method.

PBMC include all blood cells with a single nucleus, such as lymphocytes, monocytes and stem cells. They are commonly used in research, particularly in the fields of immunology, oncology and pharmacology.

Sourcing 100% made in France and activity

Product highlights

- Ready-to-use cells
- Numerous packaging options
  Vials from 20.10^6 to 50.10^6 cells
- Single donor
- High cell viability
- Number of viable cells guaranteed at thawing
  If thawing recommendations are respected
- Xeno- and serum-free cryopreservation medium
- Customization on request:
  - Specific batch size
  - Mixed donor
  - Batch reservation

  Non-exhaustive list which can be adapted to customer requirements.

Abcell-bio guarantees cell quality only if recommended protocol is respected. These cells are for research use only; not intended for medical, human or veterinary applications.

Quality control

Multiple quality controls are performed, certifying their virologic conformity and viability. Once isolated, the cells are frozen in the **xeno- and serum-free** cryopreservation medium. **Virologic (HIV1/2, HBV, HCV) and mycoplasma detection tests** are performed on all delivered batches. A full certificate of analysis is provided for each batch of PBMC ordered.

Precautions for use

Although testing for HIV, HBV and HCV contamination is negative, these products must be handled using Biosafety Level 2 conditions. Refer to the Safety Data Sheet for additional information.

Storage recommendation

- The cryovial containing the frozen cells is delivered in dry ice or liquid nitrogen.
- Upon reception, use immediately (see thawing protocol) or store at -150°C or in liquid nitrogen.
- Storage at -80°C does not preserve cells and must not be used.
- Cells are guaranteed up to 12 months from the date of reception, if stored according to these recommendations

M3-COM-OPD-003-V01 – MARS 2023

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