



Naïve Alpaca PBMCs

SKU: CPPBMC-N-AL-0010

Product Description

Capralogics offers naive peripheral blood mononuclear cells (PBMCs) isolated from healthy, non-immunized alpacas of US origin, ideal for use in immunology studies, as a source of RNA for naïve phage libraries for nanobody discovery, and antigen screening platforms. PBMCs are isolated using Ficoll density gradient.

Product Specifications

Attribute	Description
Species	Vicugna pacos (Alpaca)
Animal Status	Healthy, non-immunized of US origin
Cell Type	Peripheral Blood Mononuclear Cells (PBMCs)
Source	Whole blood collected via jugular venipuncture
Volume Options	10 Million
Preservation	Cryopreserved in RPMI 1640 + 10% DMSO (or inquire for custom media options)
Delivery	Shipped on dry ice (frozen)
Storage	-70 or colder (up to 2 weeks) ≤ -150°C for long-term storage (cryopreserved format)

Optional Add-Ons

- Serum or plasma matched to PBMC donor
- Storage of PBMCs in custom medias
- Immunization services for antigen-specific PBMCs (inquire)

Applications

- Naïve nanobody (VHH) library discovery and generation
- CAR-T and cell therapy research
- Cross-reactive immunological studies
- Next-generation sequencing (NGS) and single-cell immune workflows
- Vaccine or pathogen baseline response research

Contact Us to Order

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