



BLOOD-DERIVED PRODUCTS

LYMPH**O**BANK

SUPPORTING RESEARCH MEANS SUPPORTING LIFE

Lymphobank is a French service company specializing in the custom production of blood-derived products from adult healthy volunteer donors or placental blood.

The products are intended for scientific research use only.

The values of blood donation are the foundation of our commitments:

quality, ethics, transparency

Our privileged partnership with the Etablissement Français du Sang de Bourgogne Franche-Comté and our network of partner maternity hospitals enable us to give you easier access to grade-research blood-derived products.



CUSTOM PRODUCTION

**Sampling method
(whole blood,
apheresis...)**

Adult or cord blood

**Donnor selection
(age, gender,
serology...)**

**Possibility of
recalling a donor
(iterative blood
donations)**

**Specific cell
subpopulation**

**Product
characterization and
immunophenotyping**

**Packaging
(quantity, volume,
etc.)**

**Delivery conditions
(standard,
dedicated)**

**Other special
requests**

ADULT BLOOD



PERIPHERAL BLOOD MONONUCLEAR CELL

- PBMC are isolated by centrifugation on Ficoll
- Freezing in 4% human albumin - 10% DMSO



T, B, NK CELLS

- Positive or negative immunomagnetic sorting
- Freezing in 4% human albumin - 10% DMSO
- Subpopulations : naïve, memory, regulators



MONOCYTES

- Positive immunomagnetic sorting
- Freezing in 4% human albumin - 10% DMSO



SERUM AND PLASMA PANELS

- Anticoagulant type on request
- Packaging in 1 or 4 mL vials

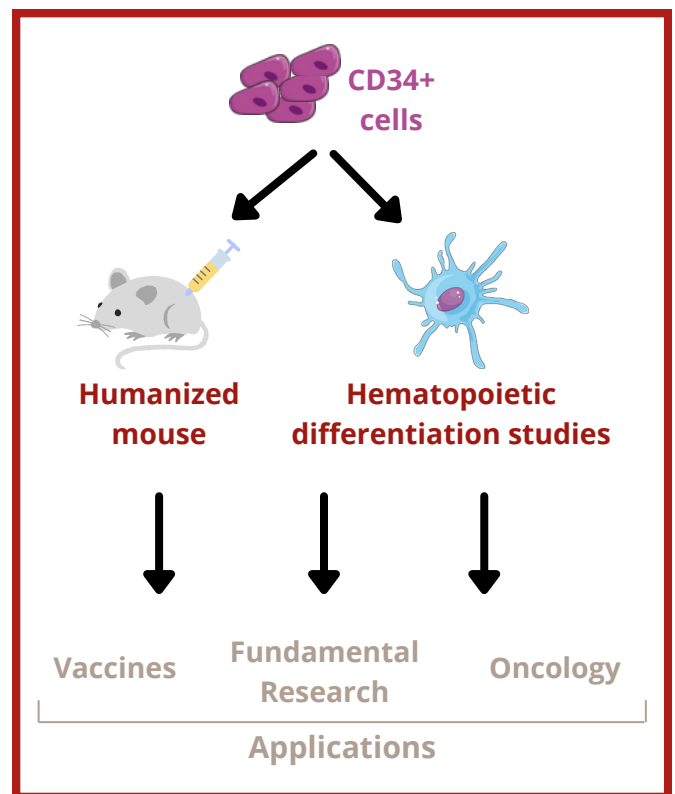
CORD BLOOD

CD34+ CELLS

Single-donor CD34+ cells are purified from a single Placental Blood Unit and frozen less than 48 hours after delivery. It is possible to reserve cells from donors identified by HLA-A2+ or A2- flow cytometry.

Key features :

- More than 95% purity
- Positive immunomagnetic cell sorting
- Freezing in 4% human albumin - 10% DMSO



OTHER PRODUCTS

On request, custom-made :

- PBMC
- T, B, NK cells
- Monocytes
- CD34+ pools
- Serum and plasma panels

QUALITY CONTROLS



Biological Qualification Donation :
HIV, HBV, HCV, HTLV-I/II, Syphilis



Microbiological controls



Freezing by controlled temperature descent



Immunophenotyping



Viability, purity and thawing yield

TRACABILITY

All our products are frozen in 1 or 4 mL ampoules identified by a unique number (Datamatrix system), guaranteeing total tracability from donor to end-user. The encryption of the donor number by the Établissement Français du Sang ensures complete tracability while respecting the donor's anonymity.

