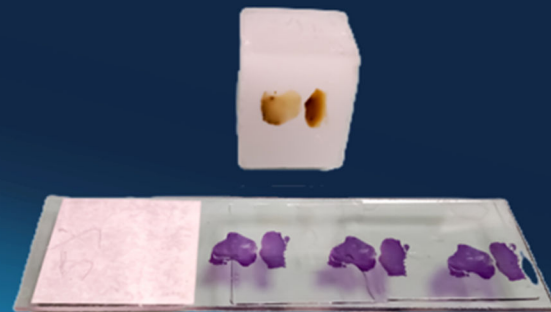


# Tissue and Cell Products



Logical Biological's purpose is to enable scientists to create a healthier world by being your trusted partner of choice for human biospecimens.

We specialise in providing human tissues, isolated blood cell populations, PBMCs, serum, plasma, swabs, and other biospecimens for diagnostics and drug development.

We understand your specific requirements, before condensing our extensive list of materials into a shortlist tailored to your specifications. This ensures you receive timely delivery, exceptional service, and superior specimens, all from one biospecimen provider.



## Tissue indications include

- | Oncology- tumour and normal-adjacent tissue, primary & metastatic
  - Bladder
  - Pancreatic
  - Colorectal
  - Gastric
  - Breast
  - Kidney
  - Liver
  - Melanoma
  - Brain
  - Cervix
  - Lung
- | Benign tumour tissue
- | Atopic dermatitis and psoriasis (lesional and non-lesional)
- | Post-mortem normal tissue

Logical Biological's human tissue specimens are high quality, characterized in detail, IRB collected with informed consent, and pathology verified.

We offer:

- | FFPE tissue blocks, slides, curls, and TMAs
- | Fresh Frozen tissue
- | Normal and diseased state tissue
- | Longitudinal samples
- | Matched tissue sets and biofluids (serum, plasma, cells)

Material is suitable for IHC, ISH, IF, molecular biology, and genomic studies including NGS and biomarker analysis.

## Standard accompanying information

- | Demographics
- | Diagnosis and date of diagnosis
- | Histological information
- | Tumour % and Necrosis %

## Additional information (on request)

- | TNM Staging/ Stage and grade of tumour
- | Biomarker status
- | Location of metastasis and lymph node status
- | Medical history including treatment of main diagnosis and concomitant diseases

## Isolated blood cell populations

Our wide range of cell products are frozen, with excellent viability, and purity. They are offered in a range of cell count pack sizes. Products available include:

- | PBMCs (normal & disease state)
- | Cord Blood CD34+ Stem Cells
- | CD4+ T Helper Cells
- | Peripheral Blood Neutrophils
- | CD19+ B Cells
- | CD14+ Monocytes
- | Cord Blood Pan T Cells

