



# Human Organs and Tissues for Research

High quality biospecimens for research and scientific discovery

LifeNet Health, a trusted leader in organ and tissue recovery for transplantation, has expanded to include biospecimen recovery for medical and scientific research. The LifeSciences Division was created with the vision of advancing science and medicine by providing researchers a diversified portfolio of high quality organs and tissues from normal and diseased donors. LifeNet Health serves researchers' customized requests for human organs and tissues for scientific research, drug discovery, and toxicology and safety testing.

## Commitment to Procurement Needs

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LifeNet Health utilizes an informed authorization process using the highest standards with an extensive list of permissible uses. LifeNet Health has access to donor medical and behavioral histories. All donated samples are tested for HIV, HBV, HCV (including NAT testing), and RPR.

**Low Post-Mortem Interval (PMI)** – Access to donors allows for low PMI requests from 1-24 hours. These samples are of highest quality for cell isolation, cell culture, RNA and other genomic testing.

- Adipose Tissue
- Adrenal Gland
- Aorta
- Bile
- Biofluids
- Bladder
- Blood
- Bone
- Bone Marrow
- Brain
- Cartilage
- Dorsal Root Ganglia
- Esophagus
- Gall Bladder
- Gastric Fluid
- Heart
- Intestine
- Kidney
- Liver
- Lung
- Lymph Node
- Mammary Tissue
- Nerve Tissue
- Pancreas
- Prostate
- Reproductive Tissues
- Skeletal Muscle
- Skin
- Spleen
- Stomach
- Tendons
- Thymus
- Thyroid
- Trachea
- Ureter
- Vascular Tissues

## Multiple Preservation Methodologies

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LifeNet Health offers several preservation options including protocol specific preservation methodologies. LifeNet Health can develop and test researchers' custom sample collection and preservation methodologies.

**Fresh** – Fresh samples can be quickly flushed and preserved using most commercially available media or with researcher provided preservation solutions

**Mirrored Pairs** – Tissue sets can be collected as mirrored pairs in formalin or snap frozen

**OCT** – Embed tissue samples prior to frozen sectioning on a microtome-cryostat

**Snap Frozen** – Samples may be prepared with liquid nitrogen (LN<sub>2</sub>), dry ice, or freezing plate

**RNAlater®** – An aqueous, nontoxic reagent which permeates tissues for stabilization and protection of cellular RNA

**Formalin Fixed** – Samples fixed in formalin with timed transferal to ethanol

## Exceptional Quality

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LifeNet Health's policy is to achieve total customer satisfaction and trust by providing the highest quality products, service, personalized care, and attention to detail to support scientific research demands. LifeNet Health's Research Committee reviews all applications to ensure commitment to the mission of saving lives, restoring health, and giving hope.

## Your first choice for human biospecimens and cells



For more information: [cells\\_tissues@lifenethealth.org](mailto:cells_tissues@lifenethealth.org)

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68-40-293.01

