Overview
REPROCELL’s BioServe Global Repository is the world’s largest commercial human tissue bank, providing researchers with access to over 600,000 DNA, RNA, human tissue and serum samples derived from over 120,000 patients collected from four continents. BioServe human tissue samples are consistently handled according to validated protocols established by the FDA/NCI guidelines for biomarker research. All samples are fully consented for broad genomic and proteomic use and are ethically collected according to HIPAA regulations and IRB approved protocols.

Clinical Data Management
- All demographic, clinical and pathological data maintained in a readily searchable database
- Sample data are de-identified and de-linked from the original patient consent
- Client defined sample sets based on specific patient information

Summary
- Over 25 years experience in providing researchers world class biomaterials and data
- Customers for biomaterial include many major pharmaceutical and biotech companies
- Rapid turnaround time on banked and prospective samples
- Custom collection design services
- Samples processed in a CLIA environment

Patient Recruitment
- Patients are recruited under IRB approved protocols and broadly consented for genomic and proteomic research
- Extensive case report forms with specific inclusion exclusion criteria insuring accurate disease state collections
- Ongoing collection of personal physician confirmed normal controls

Sample Handling and Storage
- Tissue is snap frozen to preserve RNA and protein integrity
- Serum kept at -80°C with no freeze/thaw cycles
- Collection sites trained to adhere to strict collection and processing SOPs

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## BioServe Global Biorepository Blood Based Collections

- Asthma
- Cancer (post-treatment)
- Cancer (pre-treatment)
- Clinically-confirmed Normal Controls
- Congestive Heart Failure
- COPD
- Coronary Artery Disease
- Diabetes
- End-Stage Renal Disease
- Hypertension
- Lipid Disorder
- Lupus
- Metastatic Cancer
- Multiple Sclerosis
- Neurological Diseases
- Obesity
- Osteoarthritis
- Osteoporosis
- Psoriasis
- Rheumatoid Arthritis
- Stroke

## BioServe Fresh Frozen and FFPE Tissue Types

<table>
<thead>
<tr>
<th>Tissue Type</th>
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<th>Tissue Type</th>
<th>Tissue Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adipose</td>
<td>Intestine</td>
<td>Penis</td>
<td>Submandibular Gland</td>
</tr>
<tr>
<td>Adrenal</td>
<td>Kidney</td>
<td>Peritoneum</td>
<td>Synovium</td>
</tr>
<tr>
<td>Aorta</td>
<td>Larynx</td>
<td>Pharynx</td>
<td>Testis</td>
</tr>
<tr>
<td>Artery</td>
<td>Lip</td>
<td>Pituitary</td>
<td>Thymus</td>
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<tr>
<td>Bladder</td>
<td>Liver</td>
<td>Prostate</td>
<td>Tongue</td>
</tr>
<tr>
<td>Blood</td>
<td>Lung</td>
<td>Rectum</td>
<td>Tonsil</td>
</tr>
<tr>
<td>Bone</td>
<td>Lymph Node</td>
<td>Salivary Gland</td>
<td>Ureter</td>
</tr>
<tr>
<td>Brain</td>
<td>Mouth</td>
<td>Serum</td>
<td>Urethra</td>
</tr>
<tr>
<td>Breast</td>
<td>Muscle</td>
<td>Skeletal Muscle</td>
<td>Vagina</td>
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<tr>
<td>Cartilage</td>
<td>Nerve</td>
<td>Skin</td>
<td>Vein</td>
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<tr>
<td>Cervix</td>
<td>Omentum</td>
<td>Small Intestine</td>
<td>Vulva</td>
</tr>
<tr>
<td>Colon</td>
<td>Ovary</td>
<td>Smooth Muscle</td>
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<tr>
<td>Esophagus</td>
<td>Pancreas</td>
<td>Soft Tissue</td>
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<tr>
<td>Fallopian Tube</td>
<td>Parathyroid</td>
<td>Spleen</td>
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<tr>
<td>Gall Bladder</td>
<td>Parotid</td>
<td>Spleen</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stomach</td>
<td></td>
</tr>
</tbody>
</table>

### We have it...

BioServe has one of the largest commercial human tissue banks in the world. With more than 600,000 human samples, there is a good chance that our BioRepository already has what you need.

### Our network has it...

Through the BioServe Network, we are partnered with many other leading biorepositories. This expands our ability to source material and ensures that we can acquire the samples you need.

### Or, we can collect it

With BioServe’s orphan disease network, rare human tissue samples are finally within reach. Through our Prospective Collections, we have custom procurement partnerships with specialty clinics all around the USA.

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