

- More than 600,000 samples (human tissue, serum, and DNA/RNA) are available
- Samples can be collected from 700 clinical sites across four continents upon request



Disease-Focused Sample Collection

BioServe provides a range of human biomaterials across disease and organ types that can be used for an array of preclinical, drug discovery, and research.

● Biomaterials available



➤ Human Tissue (Frozen)



➤ Human, Formalin-fixed, paraffin-embedded Tissue (FFPE)



➤ Human DNA/RNA



➤ Human Serum

● Disease types in inventory

➤ Cancer

- Brain
- Breast
- Cervical
- Colon
- Head and Neck
- Leukemia
- Lung
- Lymphoma
- Gastro-Intestinal
- Ovarian
- Prostate
- Renal

➤ Metabolic Disorders

- Diabetes
- Cardiovascular Disease

➤ Immune Disorders

- Arthritis
- Rheumatoid Arthritis
- Lupus
- Multiple Sclerosis
- Psoriasis
- HIV

➤ Other

- Asthma
- Comm. Acquired Pneumonia
- Dementia
- Hepatic Injury
- End Stage Renal Disease
- Osteoporosis
- Sepsis
- Normal Controls

Expansive Specimen Inventory

BioServe Global BioRepository Inventory Summary

Tissue & Blood-related Specimens⁽¹⁾

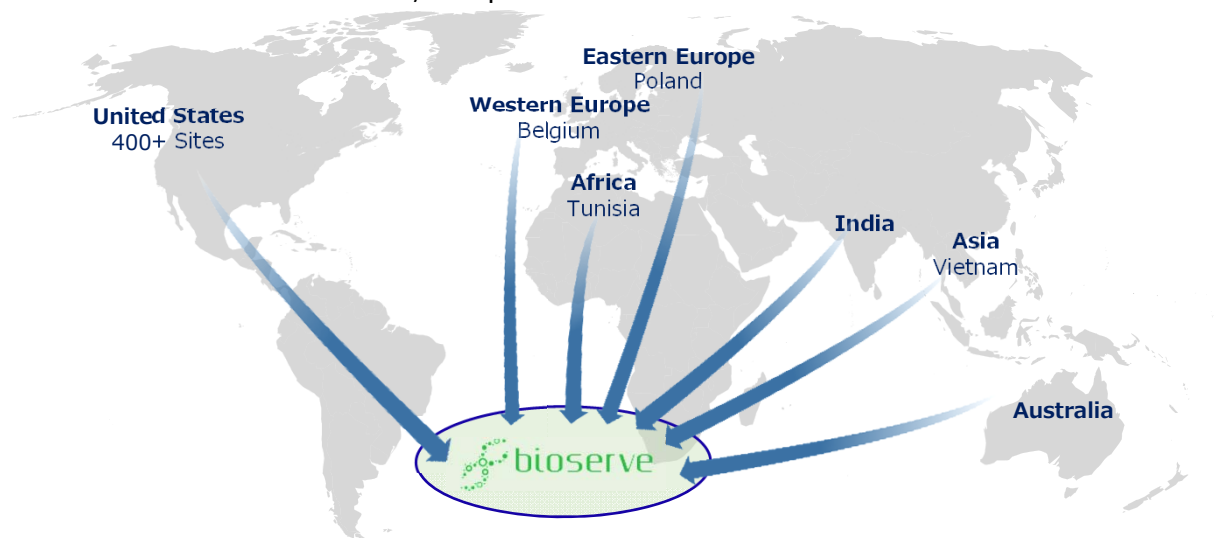
(June 30, 2014)

Study Description	Total Subjects	Tissues	Tumor Tissues	Normal Tissues	NonTumor NonNorm Tissues	FFPEs	Tumor FFPEs	Normal FFPEs	NonTumor NonNorm FFPEs	DNAs	Tissue DNAs	Serums	RNAs	Tissue RNAs	Whole Bloods	Plasmas	PAX Bloods
Arthritis	7906	47	0	0	45	40	0	0	40	7519	0	6905	0	0	0	0	0
Asthma	3146	0	0	0	0	0	0	0	0	2991	0	2234	0	0	0	0	0
Brain Cancer	66	39	30	4	0	22	20	0	0	9	0	13	0	5	3	0	0
Breast Cancer	2583	1590	1053	912	603	597	400	413	317	1338	100	1240	52	270	30	0	0
Cardiovascular Disease	35839	14	0	0	12	1	0	0	1	27398	0	25413	0	0	0	0	0
Cervical Cancer	219	128	109	69	23	37	33	20	8	98	0	53	0	4	1	0	0
Colon Cancer	1789	889	649	790	14	446	233	404	11	961	18	499	88	158	1	0	0
Community Acquired Pneumonia	214	0	0	0	0	0	0	0	0	168	0	182	0	0	0	0	0
Controls	15817	0	0	0	0	0	0	0	0	12311	0	8448	0	0	521	1172	1186
Demementia	89	0	0	0	0	0	0	0	0	81	0	73	0	0	0	0	0
Diabetes	16049	45	0	31	27	12	0	11	8	12246	0	11041	2	0	0	0	0
End Stage Renal Disease	228	0	0	0	0	0	0	0	0	61	0	189	0	0	21	193	0
Head and Neck Cancer	478	268	179	154	34	104	67	49	18	277	0	227	3	2	2	0	0
Hepatic Injury	80	0	0	0	0	0	0	0	0	26	0	74	0	0	54	65	78
HIV	60	0	0	0	0	0	0	0	0	0	0	59	0	0	0	0	60
Leukemia	40	2	2	0	0	2	2	0	0	22	0	18	0	0	0	0	0
Lung Cancer	910	468	298	351	10	350	126	322	9	418	58	73	18	83	2	0	0
Lupus	73	0	0	0	0	0	0	0	0	6	0	26	0	0	4	7	5
Lymphoma	292	89	79	25	6	51	45	12	3	182	0	180	3	9	1	0	0
Miscellaneous Tissue	4601	3730	1550	1578	1525	2062	879	1031	809	1520	39	1380	60	326	13	0	0
Multiple Sclerosis	1181	0	0	0	0	0	0	0	0	1083	0	900	0	0	442	457	991
Osteoporosis	1971	0	0	0	0	0	0	0	0	1887	0	1832	0	0	0	0	0
Other GI Cancer	643	513	438	399	57	192	143	147	44	224	26	80	5	42	18	0	0
Ovarian Cancer	1128	493	446	181	75	305	265	114	55	572	0	197	1	55	3	0	99
Prostate Cancer	1389	372	183	245	41	174	64	135	14	870	0	693	17	56	93	115	126
Psoriasis	967	0	0	0	0	0	0	0	0	730	0	936	0	0	896	850	937
Renal Cancer	649	457	399	333	51	321	291	253	43	203	0	90	19	55	1	1	1
Rheumatoid Arthritis	345	0	0	0	0	0	0	0	0	291	0	270	0	0	0	0	0
Sepsis - Severe Infections	40	0	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0

(1) The cells above represent the number of unique donors from which at least one specimen aliquot is available. Multiple aliquots are typically available.

Global Sample Procurement & Logistics

Samples are sourced from over 120,000 patients at 700 clinical sites across four continents.



● Institutional Review Board (IRB) Approved

- Obtained for all collection sites and protocols prior to enrolling participants
- Collections HIPAA compliant

● Informed Consent

- Obtained from every participant
- Includes option for longitudinal study

● Barcoded Specimens

- Coded samples with identifiers for longitudinal studies
- Anonymized

Inquiry

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