

Product Profile

The Indivumed Services Biobank

For over 20 years, Indivumed Services Excellence for Biobanking has been firmly established and acknowledged as synonymous with unparalleled quality. We are globally recognized and trusted as setting the highest standard for biospecimen and clinical data collection. We offer a wide range of biobank products to support your research and development in personalized medicine, biomarker validation, drug discovery, and companion diagnostics.

Indivumed Services provides a broad spectrum of systematic sample quality and clinical data with Multi-omics Grade and Standard Grade samples, from the most stringent requirements to routine operations.

The Indivumed Services Quality Guarantee

Our Multi-omics Grade biospecimens are collected by our study nurses or trained personnel directly in the operating room, ensuring excellent sample quality with the lowest ischemia time possible. Our Standard Grade samples are sourced globally in accordance with Indivumed Services controlled processes. Quality assessment performed by our certified in-house pathologists guarantees that the risk factors often associated with tissue samples, such as poor tissue or block quality, insufficient tumor cell content, or high levels of necrosis, are reduced.

Indivumed Services is known for the ultimate quality of biospecimens with a minimized biospecimen usability failure rate of less than 1% for our Multi-omics Grade and for our Standard Grade biospecimens.

Biospecimens' Main Application Scenarios



**Immuno-oncology
solutions**



**Biomarker discovery
and validation**



Drug profiling



Indivumed Services capability is to accelerate your time to market without having to compromise on quality and clinical data integrity.

Multi-omics Grade Biospecimens



Indivumed Services Multi-omics Grade samples enable you to excel in your research and development of personalized medicine along the value chain from target identification to drug discovery, and for biomarker exploration and validation.

Our Multi-omics Grade biospecimens capture the molecular reality and allow a holistic view of the tumor landscape of the patient's disease state. Our unique clinical network spans clinical sites across the globe, allowing for the highest level of biospecimen and data collection.

- Complete cancer biospecimen set, including matched normal adjacent tissue, plasma, serum, PBMCs, and urine
- Comprehensive clinical data
- Large biospecimen repository
- Custom prospective collections
- Lowest usability failure rate (<1%)
- Mean ischemia time of tissue approx. 10 min
- Preservation of the molecular and biological tumor profile
- Excellent data and sample quality
- Informed patient consent available
- Biomarker analyzed tissue for selected cancer entities (e.g. MSI, MSS, KRAS, BRAF, BRCA1/2, ALK, PDL-1, EGFR, ROS1, HER2, ER, PR, etc.)
- Mutation characterized samples (Illumina's AmpliSeq Focus Panel; 52 cancer-related genes) for breast cancer, colorectal cancer, ovarian cancer, stomach cancer, and lung cancer



Longitudinal Cell-Free Plasma (Liquid Biopsy)



In collaboration with a continuously expanding oncology practice network, Indivumed Services has established a unique high-quality cell-free plasma biobank that is exclusively focused on collecting longitudinal plasma samples from cancer patients.

Our longitudinal plasma samples enable the isolation of circulating tumor DNA (ctDNA) from pre- and post-treatment plasma samples. This makes our plasma samples ideal for biomarker development, therapy monitoring, detection of early drug resistance, and better understanding of the drug's mechanism of action. Complete plasma sets per patient, including pre- and post-treatment samples are available.

- Comprehensive clinical data
- Numerous cancer entities
- Variety of therapies including checkpoint inhibitors, chemotherapy, and targeted therapy
- Collection in Streck Cell-Free DNA BCT® stabilizes cells, which lowers cfDNA background
- Complete patient consent for targeted genome analysis



Standard Grade Biospecimens



Along with our Multi-omics Grade biospecimens, we collect and offer Standard Grade biospecimens from our clinical pathology network, as well as external sources according to customer demands. These samples are most suitable for high-throughput validation of diagnostic tests and platforms.

Standard Grade biospecimens are FFPE samples obtained from our biospecimen networks that can be used to study personalized medicine, drug and diagnostics development, or specifically perform high-throughput validation of diagnostic tests and platforms.

- Full range of cancer entities, including normal adjacent tissues, normal tissue, post mortem tissue
- Basic clinical data
- Comprehensive clinical data, and biomarker and mutation status available for selected cohorts
- Quality control by in-house pathologists
- Informed patient consent available for selected cohorts



Biospecimen Features

Key feature	Multi-omics scale	Standard Grade
	Molecular reality	High-throughput
Sample collection	Indivumed Services performed, by highly trained study nurse and QC	Indivumed Services controlled quality
Cold ischemia time	~10 minutes	Variable
Applications	Biomarker discovery Drug development Preclinical research	High-throughput validation of diagnostic tests and platforms

- Completely standardized ISO-certified protocols and processes
- Quality control by certified in-house pathologists
- Consultancy by our scientists to meet your needs

About Indivumed Services

Indivumed Services, a Crown Bioscience Company, is a global contract research organization (CRO) that offers an industry-leading oncology biobank and a range of service platforms to advance oncology and immuno-oncology drug discovery and development.

Holding a unique biobank of clinical specimens, unrivalled in quality and associated clinical history, which currently totals almost one million patient samples, the company partners with extensive clinical network of more than 60 entities in the United States, Europe, and Asia providing direct and controlled access to relevant surgical biospecimens and blood samples.

Further known for their enhanced immunohistochemistry and spatial transcriptomics, Indivumed Services' platforms complement a range of established Crown Bioscience capabilities supporting biomarker discovery.

Contact

Europe Tel.: +49 40 69 63 572 0

North America Tel.: +1 (301) 228 9739

Email IndivumedServices@crownbio.com
www.IndivumedServices.com

