

Overview – Indivumed Biobank



For over 15 years, the Indivumed Standard 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's capability is to accelerate your time to market without having to compromise on quality and clinical data integrity.

Indivumed provides a broad spectrum of systematic sample quality and clinical data with Premium Grade, Advanced Grade, and Basic Grade samples, from the most stringent requirements to routine and standard operations.

The Indivumed Quality Guarantee

Indivumed's Premium Grade biospecimens are collected by our trained study nurses directly in the operating room, ensuring excellent sample quality with lowest ischemia time possible. Indivumed's Advanced and Basic Grade samples are sourced globally in accordance with Indivumed 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 is known for the ultimate quality of biospecimens with a minimized biospecimen usability failure rate of less than 1% for our Premium Grade and less than 5% for our Advanced and Basic Grade biospecimens.

Biospecimens Main Application Scenarios



Development of
personalized medicine



Biomarker discovery
and verification



High-throughput validation
of diagnostic tests

Indivumed's Premium Grade Biospecimens



Indivumed's Premium 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.

Premium Grade Biospecimens

Indivumed's Premium 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 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 less than ten minutes
- Preservation of the molecular and biological tumor profile
- Excellent data and sample quality
- Comprehensive patient consent
- Biomarker analyzed tissue for for selected cancer entities (MSI, MSS, KRAS, BRAF, BRCA1/2, EGFR, ROS1, HER2, ER, PR, etc.)
- Mutation characterized samples (TruSeq Amplicon Cancer Panel) for breast cancer, colorectal cancer, ovarian cancer, stomach and lung cancer



Premium Grade Longitudinal Plasma (Liquid Biopsy)

Indivumed's Premium Grade longitudinal plasma samples allow 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 set per patient, including pre- and post-treatment samples.

- Comprehensive clinical data
- Numerous cancer entities
- Variety of therapies including checkpoint inhibitors, chemo and targeted therapy
- Collection in Streck Cell-free DNA BCT® stabilizes cells, which lowers cfDNA background



Indivumed's Advanced Grade and Basic Grade Biospecimens



Along with our Premium Grade biospecimens, we collect and offer Advanced Grade biospecimens by minimizing variability of the collection processes in our clinical pathology network, to ensure high-quality biological samples.

Indivumed's Basic Grade biospecimens also comply with the Indivumed Standard for Biobanking and are sourced from Indivumed's external biospecimen network. These samples are most suitable for high-throughput validation of diagnostic tests and platforms.

Advanced Grade Biospecimens

Indivumed's Advanced Grade biospecimens are highly standardized samples obtained from our Clinical Routine Pathology network. These samples enable you to excel in your routine work of drug or diagnostics development along the value chain, specifically for biomarker hypothesis testing and preclinical and clinical prevalence analysis.

- Complete biospecimen set and custom prospective collections
- Comprehensive clinical data including follow-up
- Quality control by in-house pathologists
- Mean ischemia time of tissue less than 30 minutes
- Comprehensive patient consent
- Biomarker analyzed tissue for mutation characterized cancers (MSI, MSS, KRAS, BRAF, NRAS, etc.)



Basic Grade Biospecimens

Indivumed's Basic Grade biospecimens are standard FFPE samples obtained from our external biospecimen network 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 tissues
- Clinical data
- Custom prospective collections
- Quality control by in-house pathologists
- Low sample usability failure rate and ensured quality



Indivumed's Biospecimen Features

	Premium Grade	Advanced Grade	Basic Grade
Key feature	Molecular reality	Controlled variability	High throughput
 Sample collection	Indivumed performed, by highly trained Indivumed study nurse and QC	Indivumed-controlled process and QC	Indivumed-controlled quality
 Ischemia time	<10 minutes	<30 minutes	Variable
 Applications	Biomarker discovery Drug development	Biomarker prevalence analysis Biomarker hypothesis testing	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

Indivumed GmbH is a physician-led, integrated global oncology company for personalized medicine with the world's premier high-content tumor database and highest quality biobank. Indivumed's standard operating procedures are trusted as the global benchmark for biospecimen and clinical data collection.

Our long-standing biobanking expertise is ISO 9001-certified and includes strict protocols for tissue sampling and processing with regard to crucial parameters such as tumor region, ischemia time, and information management.

Contact

Europe Tel.: +49 (40) 41 33 83 18
USA Tel.: +1 (570) 768 4053

Email: CustServ@indivumed.com
www.indivumed.com