

Advanced Grade Biospecimens



Overview

Indivumed's Advanced Grade samples are highly standardized samples obtained from Indivumed's Pathology network that 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. Indivumed's capability is to accelerate your time to market without having to compromise on quality and sample failure rate.

Indivumed is continuously expanding its routine high-quality human cancer tissue and fluids biobank. Together with Premium Grade and Basic Grade samples, the Advanced Grade samples are part of the "Indivumed Standard for Biobanking," which is firmly established and acknowledged as synonymous with unparalleled quality. We are globally recognized and trusted as setting the highest level for biospecimen and clinical data collection. 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. Simultaneously, our data management team and study nurses ensure completeness and accuracy of the clinical data before final data storage.

For our Advanced Grade biospecimens, tissue and blood are collected under standardized conditions before and after surgical resection, respectively, by hospital study nurses who then preserve the tissue in approximately less than 30 minutes. By controlling the variability of the routine process in our network we ensure high quality of the biological sample. Our clinical network spans clinical sites across Europe, North America, and Asia.

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.

Your Benefits

- Complete biospecimen set and custom prospective collections
- Comprehensive clinical data including follow-up (over 300 data points)
- Lowest failure rate (<5 %) of quality controlled biospecimens performed by in-house pathologists
- Continuously expanding biospecimen repository
- Mean ischemia time of tissue <30 minutes
- Comprehensive patient consent
- Biomarker analyzed tissue for a variety of mutation characterized cancers (KRAS, NRAS, BRAF, MSI/MSS)

Biospecimen Types



Tissue – tumor

- Formalin fixed paraffin embedded (FFPE)



Fluids

- Development initiated

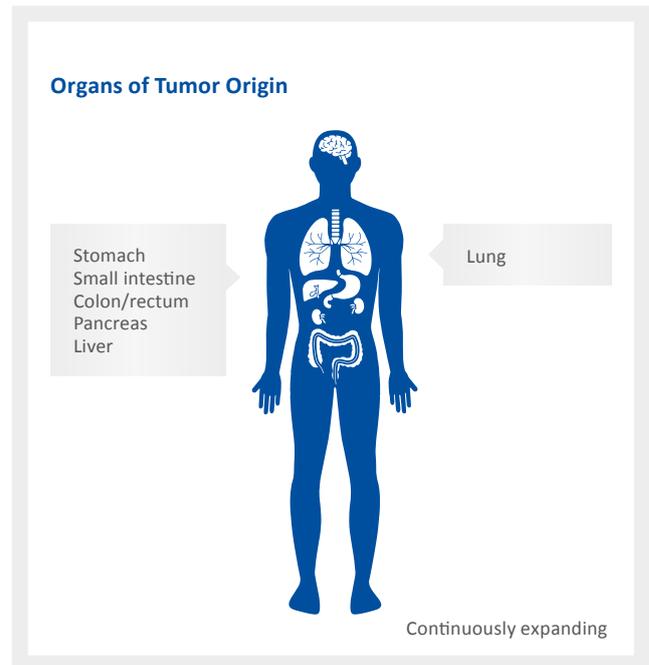
Our team will assist you to select the most suitable biospecimen to match your needs.

Clinical Data

Indivumed collects extensive clinical data from fully consenting and informed patients and their medical records. Outcome and follow-up data is collected beginning six months post-surgery and annually up to 10 years. Clinical data is thoroughly cross-checked for completeness and accuracy prior to final data storage in IndivuNet, the Indivumed biospecimen database.

We offer four data packages:

- Basic: general patient information, current disease, surgical findings, tumor size, ischemia time, histological type, stage, TNM, grade
- Comprehensive: includes basic data and current medications, drugs (intolerances, addictive, anesthesia), previous disease, neoadjuvant therapies, previous surgeries or cancer, family history, presurgical diagnostics, hematology, clinical chemistry, serology, warm and cold ischemia time
- Follow-up: includes basic and comprehensive data including detailed follow-up records on remission, relapse, and outcome including surgery and other therapies
- Additional data (e.g., biomarker status): MSI, MSS, KRAS, BRAF; NRAS for CRC/rectum carcinoma



Custom Prospective Collections

Indivumed offers customized biospecimen collection services that utilize our standard operating procedures under the guidance of a trained collection specialist. We can collect and process the biospecimens according to custom designed protocols to match

the requirements of your research. Additionally, we ensure short delivery times (24 to 48 hours) for time sensitive collections and worldwide logistics for sample delivery.

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.

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