

Central Pathology Services Designed for Clinical Trial Success

Every tissue sample is an irreplaceable opportunity for meaningful clinical insights

In clinical trials, pathology transforms precious, irreplaceable tissue into meaningful evidence. From confirming tissue morphology and evaluating safety or efficacy endpoints to enabling immunohistochemistry and downstream molecular testing, **the quality of pathology can directly influence the reliability of trial conclusions**. Because every test consumes finite material, early planning is essential to preserve tissue, prioritize assessments and maximize the insight generated from each specimen.

Standardized processing, staining and expert pathology review help reduce technical and interpretive variability across sites, laboratories, and regions. By integrating pathology into protocol development and study start-up, sponsors can prevent avoidable rework, protect critical endpoints, and generate consistent, decision-ready data that supports confident clinical development.

The Central Pathology Advantage



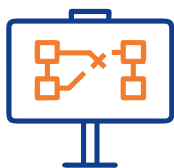
Sample Preservation:

Designed to yield maximum value from limited, irreplaceable tissue samples.



Reduced Variability:

Standardized codification and consensus models minimize subjective interpretation.



Structured Data:

Customized diagnostic dictionaries replace vague narrative descriptions.



Consultative Guidance:

Early protocol alignment to optimize testing strategies before study startup.

Comprehensive pathology capabilities

- Histopathology
- Gynecologic and Non-Gynecology Cytopathology
- Molecular pathology
- Next-Generation Sequencing (NGS)
- Pathology panel adjudication and consensus review
- Tissue assessment and viability evaluations
- Immunohistochemistry (IHC), In-Situ Hybridization (ISH), and Fluorescent In-Situ Hybridization (FISH)
- Whole-slide imaging and image analysis
- Tissue processing, embedding, and microtomy that is tailored to best suit your project
- DNA, RNA, and protein extraction and quantification
- qPCR and molecular testing support
- Custom review workflows and study-specific pathology strategies

We can process and assess all tissue types from a wide variety of therapeutic areas, including oncology, women's health, gastrointestinal, liver, kidney, skin, breast, head and neck, and more.



Why work with us?

Protect and yield value from every sample

Tissue samples are limited and irreplaceable in nature. Our team helps ensure sample collection, processing, testing, and review strategies are designed to **maximize tissue utilization while preserving material for critical study assessments**.

Reduce variability and improve consistency

Pathology review involves a level of subjective interpretation. Through standardized processes, result codification, study-specific training, consensus review models, and customized review criteria, we help **minimize variability and deliver more consistent results across sites, regions, and reviewers**.

Generate cleaner, more actionable data

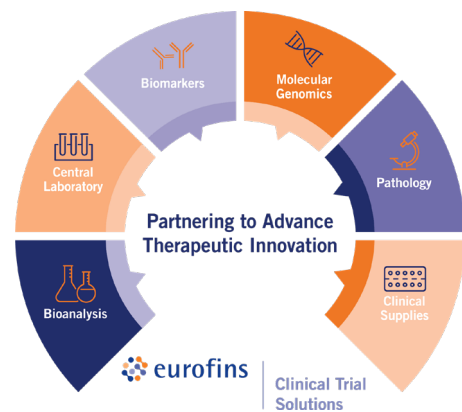
Traditional pathology reporting relies heavily on narrative descriptions that can be difficult to compare and analyze. We develop customized diagnostic dictionaries and structured data collection approaches that **improve consistency, reduce ambiguity, and accelerate downstream analysis**.

Gain a consultative partner

Our team collaborates with sponsors early in protocol development to identify potential risks, optimize pathology workflows, and align testing strategies with study objectives. This proactive approach can **improve operational efficiency and help avoid costly delays later in the trial**.

Navigate complex studies with confidence

From multi-reader consensus reviews and adjudication programs to large global trials with thousands of samples, we are your trusted partner for **managing complex pathology workflows while maintaining timelines, data integrity, and regulatory readiness**.



A Pathology Partner Built for Clinical Trials

Our integrated pathology services bring together **scientific expertise, technical excellence, and data standardization** to help sponsors make confident decisions throughout the development lifecycle. Whether supporting routine histopathology, biomarker-driven studies, or complex global programs, we deliver the **quality, consistency, and partnership** needed to advance clinical research.



Central
Laboratory

Clinical Trial Confidence Starts Here.

Contact ClinicalTrials@bcl.eurofins.com for more information.

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