

Central Laboratory Pathology and Oncology Services

Pathology and Oncology Services

The deployment of Pathology testing has become increasingly important in Oncology Trials. Pathology testing is facing similar challenges as Central Laboratory testing; large sample numbers distributed over many locations, a need for expert global logistics support to maintain specimen integrity, quick turnaround time of results and the necessity for globally combinable data.

With a keen eye on the specifics of a clinical trial, Eurofins Central Laboratory offers anatomic, clinical and molecular pathology services to assess traditional clinical-pathological factors as well as the molecular biological features of a given tumor to support Safety, Vaccine and Oncology trials.

By offering Pathology and Oncology Services through Eurofins Central Laboratory, customers will benefit from a synergetic approach of pivotal assets and expertise related to global Central Laboratory testing combined with a highly experienced genomic and clinical pathologist team to enable uniformity throughout the time span of the study.

Pathology and Oncology Services

- Surgical Pathology
- Tumor Confirmation and Classification
- Pathology reads for efficacy
- Slide preparation and preservation
- Histology
- Cytology
- Molecular pathology
- FISH
- IHC
- Flow cytometry
- Customized methodologies using sponsor-defined processes



**GLOBAL
COVERAGE**



**PATHOLOGY
DATA IN ONE
GLOBAL
DATABASE**



**25+ YEARS OF
SCIENTIFIC
EXPERTISE**

Genomic Solutions for Oncology

qPCR

- Genotyping, ddPCR and CNV
- Drug screening
- miRNA
- Validated assays
- High throughput

Microarrays

- GWAS – Multi Ethnic, Illumina GSA and ThermoFisher PMRA
- Targeted Arrays – OncoScan / OncoArrays
- Methylation EPIC
- Cytogenetics CytoScan / CytoSNP
- Gene Expression – GoScreen / Clariom arrays / miRNA

Next Generation Sequencing

- Exome Sequencing including FFPE and deep Whole Genome Sequencing
- Targeted Methylation
- Targeted Panels – Cancer MiSeq and INVIEW ONCO panels
- RNAseq [ultralow input / degraded / FFPE]
- Small RNA
- Single Cell Sequencing

Specimen Types

- Fresh frozen (FF)
- Formalin-fixed, paraffin embedded (FFPE)
- Fine needle aspirations
- Biopsies
- Liquid biopsies
- Slides
- Pap smears



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