



FFPE Biomarker Services

Experienced scientists with FFPE expertise.

Quality assured.

Consult with one of our experts.

Formalin Fixed Paraffin Embedded (FFPE) tissue

For decades, clinical tissue has been collected and stored using formalin fixation. The ability to archive FFPE tissue in combination with the long term collection of clinical data has revolutionised the study of disease and identification of biomarkers. However, the degradation of nucleic acids extracted from FFPE leads to a number of challenges when designing and carrying out genomic biomarker studies.

Gen-Probe has significant experience working with FFPE tissue in a wide range of biomarker discovery and validation studies. Our scientists have the expertise and know-how to ensure the data produced for your study is of unparalleled quality providing you with the maximum return on your valuable samples.

► Gen-Probe's FFPE Pipeline

- Study design
- Sample sourcing
- Expertise in handling a broad range of tissue types, including small biopsies
- Extraction of miRNA, RNA or DNA using FFPE specific protocols
- Macro-dissection (available if required)
- FFPE specific quality control steps
- Tailored downstream processing:
 - Wide range of microarray solutions
 - High-throughput qPCR using assays specifically designed for use with FFPE
 - DNA sequencing
 - Fragment analysis
- Biomarker identification via data analysis

► Biomarker Applications

- Gene expression
- SNP genotyping
- CNV studies
- Epigenetics
- miRNA profiling

► Gen-Probe - your FFPE partner of choice

- Skilled project managers
- Specialising in rapid response studies
- Quality assurance
- Cost effective solutions
- Consult with one of our experts today

