



Built-for-Purpose Biomarker Solutions Enhancing Speed, Precision, and Confidence

At Syngene, we deliver comprehensive biomarker services spanning biomarker discovery, biomarker validation and developing context-of-use assays supporting early go/no-go decisions, patient stratification, and precision medicine. Our integrated central laboratory along with bioanalytical laboratory ensure consistent, high-quality biomarker insights that accelerate decision-making across every phase of drug development.



Smarter Outcomes

Better decisions through integrated biomarker science and multi-omics platforms



Faster Timelines

Accelerated development enabled by automated workflows, multiplex platforms, and integrated lab systems



Reliable Data

High-integrity biomarker data across discovery to clinical approval

Translation-Ready Biospecimen Access & Procurement



Nationwide Network

Access to 190+ partnered clinical sites and biobanks across India for diverse, high-quality clinical samples.



Streamlined Procurement

Harmonized, end-to-end workflows ensure timely and compliant sample collection for translational research.



Well-Annotated Samples

Ethically sourced biospecimens with rich clinical metadata to support genomics, immunology, and pathology workflows.



Seamless Integration

Direct routing into Syngene's molecular, digital pathology, immunoassay, and clinical biomarker platforms for a smooth sample-to-insight pipeline.

Core Biomarker Platforms

Molecular & Genomic Biomarkers

- qPCR, Targeted NGS sequencing
- Nucleic acid isolation from multiple matrices (FFPE, blood, plasma)
- Biomarker discovery using multi-omics approach



Digital Pathology & Tissue Biomarkers

- IHC on FFPE/cryosections
- Fluorescent staining
- Whole slide digital imaging



Immunoassays & Flow Cytometry

- ELISA, MSD, Luminex multiplexing
- Immunogenicity assays
- Immunophenotyping and receptor occupancy



Clinical & Safety Biomarkers

- Hematology, coagulation, chemistry panels
- Urinalysis
- Serology and specialty immunology markers



LC-MS / PK Biomarkers

- Small molecule and peptide quantification
- PK support for preclinical and clinical studies



Support Across Therapeutic Areas



Oncology



Hematology



Immunology



Cardiovascular



Neurological
disorders



Rare diseases

For more information, contact bdc@syngeneintl.com
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