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Apollo Diagnostics unveils Digi-Smart Central Reference Laboratory in Chennai

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Multi-disciplinary automation targeting 60% faster turnaround and 100% accuracy



Apollo Diagnostics has unveiled its Digi-Smart Central Reference Laboratory (CRL), in Chennai, a fully automated facility designed to dramatically accelerate diagnostic timelines with error free operations to enhance patient care.

This pioneering initiative leverages cutting-edge technology to deliver a 60% reduction in Laboratory sample Turnaround Time (TAT), setting a new benchmark for efficiency in medical diagnostics by early delivery of patient's reports.

The state-of-the-art facility, spanning 45,000 square feet, integrates five major laboratory disciplines—Clinical Chemistry, Immunoassay, Serology, Hematology, and Hemostasis—into a unified, digitally monitored, and fully automated track.

This seamless integration, powered by advanced robotics, high-definition cameras, bespoke algorithms, and machine learning technologies, optimises processes, mitigates errors, and significantly improves clinical outcomes. The Digi-Smart Lab's sophisticated automation allows for the processing of over 100,000 samples daily, catering to clients across India and Southeast Asia.

The laboratory will undergo rigorous clinical laboratory proficiency testing (PT) programmes and regular quality control (QC) reviews along with National and International accreditations.