BioSpectrum
the business of Bio & Health Sciences
ASIA EDITION

Roche launches FLOW system

December 18, 2013 | News | By BioSpectrum Bureau



Singapore: Roche has launched FLOW system, a user defined system for workflow chain from primary sample handling to qPCR result analysis, for use in laboratory developed tests (LDT) in Europe, Asia Pacific, Africa and Latin America.

The system has a range of laboratory applications in virology and microbiology. In addition, Roche's comprehensive offering of reagents, controls and assays designed and optimized to work on the FLOW instrumentation, brings a new level of convenience and standardization to laboratories who run a large volume of LDTs.

The workflow standardization and data automation enabled by FLOW is designed for applications typically required in laboratories performing laboratory developed testing with diverse molecular test menus, high sample numbers and large target variety. FLOW's software seamlessly connects all process steps, allowing for a new standard of result reliability and reproducibility and provides full traceability of data and direct communication to the laboratory information system (LIS).

"We were impressed by the flexibility FLOW offers to our applications and needs," said Mr Kurt Handberg, clinical microbiology department, Aarhus University Hospital, Skejby, Denmark. "FLOW is an open system, enabling us to apply our own in-house assays. In addition, it clearly improved the traceability of our qPCR testing results while reducing repetitive workload of our technicians."

"Customers with high throughput LDT applications need high result reliability, which is improved with the workflow automation," said Mr Paul Brown, head of Roche Molecular Diagnostics. "With the launch of FLOW, we can enhance automation in the LDT setting with the first IT-supported, sample-to-result qPCR workflow solution built on our well-established technologies and systems. To date, we have received very positive feedback from pilot users in European countries highlighting the increased result reliability."