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Qiagen strengthens QIAcuity gene expression portfolio

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To accelerate digital PCR adoption across research and biopharma



Qiagen N.V. has announced new additions to its QIAcuity digital PCR (dPCR) ecosystem, with a focus on expanding gene expression capabilities, broadening assay content and enhancing workflow standardisation to support the growing adoption of dPCR across life sciences and biopharma applications.

As researchers increasingly seek higher sensitivity, greater precision and improved multiplexing capabilities, dPCR is gaining adoption across a growing range of applications traditionally served by qPCR technologies. Qiagen is expanding the QIAcuity ecosystem with new gene expression solutions, workflow automation and analysis capabilities designed to support broader adoption of digital PCR across research and biopharma applications.

Qiagen plans to expand its portfolio later in 2026 with new QIAcuity Gene Expression Assays designed to support gene expression analysis across human, mouse and rat research applications. The company also plans to introduce the new QIAcuity OneStep High Multiplex Probe PCR Kit, enabling analysis of up to 12 RNA targets in a single reaction and helping researchers generate richer biological insights while reducing sample consumption, hands-on time and workflow complexity.

The company is expanding its residual DNA testing offering to support additional producer cell systems, including Sf9/Baculovirus, Pichia pastoris, Vero and Mouse.

Scheduled for release later this month, QIAcuity Software 3.5 introduces advanced analysis templates and automated reporting capabilities that enable users to define analysis and reporting parameters before a run begins.

In addition to the automated analysis and reporting capabilities introduced with QIAcuity Software 3.5, customers can build on Qiagen's collaboration with Hamilton to automate QIAcuity dPCR nanoplate setup and handling workflows, including sample preparation, nanoplate filling and sealing.