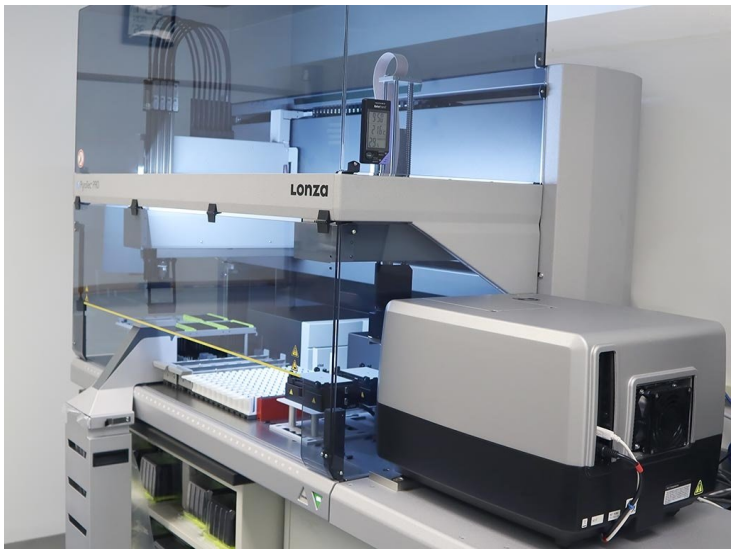
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Lonza expands automated robotic solution for endotoxin testing

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The PyroTecÃ?Â® PRO Automated Solution combined with the PyroWaveÃ?Â® Reader option expands the range of endotoxin testing types available on the platform to now include the PyroGeneÃ?Â® Recombinant Factor C assay



Swiss-based global pharma-biotech firm, **Lonza** expands its popular PyroTec® PRO Automated Robotic Solution for endotoxin testing. The new PyroWave® Reader add-on has been designed specifically for use with the sustainable PyroGene® Recombinant Factor C (rFC) Assay. This brings a third test type option to the platform, allowing QC microbiologists to choose the endotoxin test method best suited for their testing needs. The PyroTec® PRO Solution, now compatible with Lonza's PYROGENT®-5000 Turbidimetric LAL (Limulus Amebocyte Lysate) Assay, Kinetic-QCL® Chromogenic LAL Assay and the PyroGene® rFC Assay, expands the options available for streamlined, automated endotoxin testing.

The PyroWave® Reader add-on is built upon the original release of the PyroTec® PRO Automated System that includes two absorbance readers for traditional LAL-based assays. Able to easily accommodate different assay types in the same run and powered by the world-class WinKQCL® Endotoxin Analysis Software, this complete system further increases the efficiencies and data integrity gained from automated endotoxin testing.

The PyroGene® rFC Assay is an animal-free method for endotoxin detection that works through a single enzymatic step. It has been shown to be equivalent to other photometric endotoxin methods that use LAL to detect endotoxins. This is in accordance with the parameters like linearity, specificity, precision, accuracy, and limit of detection.

The need for accurate and dependable endotoxin testing technology continues to grow, especially with the pharmaceutical industry increasingly focusing on the development of innovative biotherapeutics that carry a higher risk of endotoxin contamination. Through process optimization and automation of routine manual tasks, the PyroTec® PRO Automated Robotic Solution enables users to streamline and improve the performance of the QC laboratory, increasing lab efficiency and productivity. Automated endotoxin testing can also substantially reduce the potential for human error, enhancing the accuracy, reliability, and traceability of results.