

Microbiosci Offers Real-time PCR Kits to Support Research Applications in Viral Detection

New York City, New York Sep 2, 2022 ([Issuewire.com](https://www.issuewire.com)) - As a global leader in the microbiology industry, Microbiosci is dedicated to providing a number of services to achieve scientific results faster. With years of experience, Microbiosci is fully engaged in developing high-quality products and cutting-edge technologies to facilitate the investigation of microbial research. Creative Biogene possesses a mature fermentation platform consisting of large fermentation tanks, bioreactors, and large-scale purification systems, recently it announced the release of its [real-time PCR kits](#) to support research applications in viral detection.

Creative Biogene scientists are professional enzymologists who are continually working to improve enzymes and buffers for PCR, real-time qPCR, and RT-PCR. qPCR reagents require a high level of performance and provide reproducibility, instrument compatibility, and sensitivity at a great value. Creative Biogene's real-time qPCR kits and master mixes are designed with these issues in mind. Whether the experiment is routine, complex, or proving difficult, there are the right qPCR tools to drive research.

A combination of RT-PCR and qPCR techniques is commonly used in research and clinical laboratories to analyze gene expression and quantify viral RNA. Since this method uses fluorescence to track amplification reactions, Creative Biogene provides kits that also include fluorescent primers or labeled fluorescent probes, fluorescent dyes, and more.

Creative Biogene provides a series of qPCR-specific kits and reagents, such as MycoSensor qPCR analysis kits, miRNA qRT-PCR detection reagents, porcine-derived detection kits, qPCR NGS library quantification kits, etc. All real-time PCR-specific kits and reagents are fast, efficient, and highly specific. The qPCR NGS Library Quantitation Kit can detect low-concentration libraries, the MycoSensor qPCR Assay Kit can detect Mycoplasma infection in cell cultures in less than two hours, and the miRNA qRT-PCR Assay Kit is a highly specific reagent for detecting miRNAs system for fast results.

The EBV/CMV/BKV multiplex real-time PCR kit is designed for the in vitro detection of Epstein-Barr virus (EBV, also known as HHV4), cytomegalovirus (CMV, also known as HHV5), and BK polyomavirus (BKV)). Based on comprehensive bioinformatics analysis, the primer and probe sequences in this kit are 100% homologous to a broad range of clinically relevant reference sequences.

The MRSA Multiplex Real-time PCR Kit is designed for the in vitro detection of the *mecA* and *femB* genes of methicillin-resistant *Staphylococcus aureus* (MRSA). This kit is designed to have the broadest detection spectrum while maintaining specificity for the MRSA genome.

"Our technical team is highly skilled in vitro diagnostic kit development. Using new technologies and formulations, they are often able to overcome hurdles in development and build robust, reproducible assays for our customers." said Marcia Brady, the marketing director of Creative Biogene, she also added, "We are committed to making research and biotech production simpler with customized solutions."

About Microbiosci

Microbiosci, as the division of Creative Biogene, is always dedicated to satisfying the needs of clients covering more than 50 countries and districts. As a leading custom service provider in delivering medicine microbiology solutions, Microbiosci has become a well-recognized industry leader with years of experience and professional scientists.

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