

Quantificação de ácidos nucleicos, proteínas, crescimento celular e muito mais. Escolha o tema/tópico abaixo e nós enviaremos o artigo para você.



A p p l i c a t i o n N e w s



Micro-Volume Analysis using Take3™ Micro-Volume Plates

Spectrophotometric analysis of freshly isolated nucleic acids and proteins using only microliter sample volumes offers great advantages for workflow simplicity and precious sample preservation. Used along with a BioTek microplate reader, the [Take3](#) Micro-Volume Plate is ideal for direct nucleic acid and protein quantification using very small volumes. Other applications that are efficiently performed in the [Take3](#) plate include:

- Colorimetric and fluorescence measurements of in-situ assays
- Turbidity measurements at 600 nm to monitor cell growth
- Protein/probe derivatization ratios

The microplate reader can be further used for myriad microplate-based applications, such as ELISA, cytotoxicity and enzyme assays; but with the focus on micro-volume analysis, we've linked to our popular micro-volume application areas in this issue of Application News.

Nucleic Acid Quantification

- [Spectrophotometric Nucleic Acid Quantification in Microplates and Micro-Volumes](#)
- [Analytical Performance of a Higher Throughput Micro-Volume Microplate Accessory for Microplate Spectrophotometer Platforms](#)
- [Micro-Volume Purity Assessment of Nucleic Acids using A260/A280 Ratio and Spectral Scanning](#)
- [Micro-Volume PicoGreen® DNA Quantification using BioTek's Take3 Multi-Volume Plate](#)
- [Analytical Performance of Nucleic Acid Micro-Volume Quantification Using the Epoch™ Spectrophotometer System](#)
- [Compatibility of Synergy™ Multi-Mode Microplate Readers for Micro-Volume Nucleic Acid Quantification](#)
- [Multi-Volume Analysis of Nucleic Acids Using the Epoch Spectrophotometer System](#)
- [Low Volume Nucleic Acid Quantification using a Multi-Volume Spectrophotometer System](#)

Protein Quantification

- [Multi-Volume Based Protein Quantification Methods](#)
- [In-situ Micro-Volume Bicinchoninic Acid Protein Assay](#)
- [Analytical Performance of Epoch Multi-Volume Spectrophotometer System for Protein Quantification](#)

Cell Growth

- [Monitoring Cell Growth in 2 µL Volumes Using a Microplate Reader](#)

Protein/Probe Derivatization Ratios

- [Micro-Volume Determination of Labeling Efficiency Using Spectral Scanning Analysis in a Standard Microplate Reader](#)



Get More Info ►



Visit the Tech Resources section of www.biotek.com for more Application Notes covering our full line of microplate instrumentation.



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