

Take3™ Multi-Volume Plate

Take3™ Multi-Volume Plate is designed to allow up to sixteen 2 μ L sample measurements quickly and easily in a BioTek microplate spectrophotometer. The Take3 plate also provides two locations for BioCells and one location for a standard 1 cm cuvette, thus providing three methods of measurement from very low volumes to traditional cuvette volumes. Nucleic Acid and Protein Quantification have never been easier!

The Take3 plate incorporates BioTek's proprietary fused silica sample plates, one precisely imprinted with teflon, to form 2 mm microspots, ideal for placing one or multiple 2 μ L samples with a single or multi-channel pipettor.

Pre-programmed nucleic acid and protein protocols within the special Gen5™ Take3 software interface make quantification fast and easy with results displayed automatically. Take3 can also be used for a variety of assays that might typically be run in a 96- or 384-well microplate, saving precious samples with low volume capability. The BioCell and cuvette measurement locations allow rapid 1 cm direct measurements of nucleic acids, proteins or nearly any analyte that would typically be measured in a traditional spectrophotometer.



Features:

- Sixteen 2 μ L sample microspots, 2 BioCell locations and 1 standard cuvette measurement location
- Compatible with BioTek's Epoch™ and PowerWave™ XS2 Microplate Spectrophotometers as well as the Synergy™ multi-mode readers equipped with absorbance detection
- The Gen5™ Take3 software interface makes fast work of single or multi-sample quantification
- Rugged, removable slides are easy to clean and maintain, yet are easily replaceable



Applications:

- Fast, low volume Nucleic Acid and Protein Quantification
- Spectral scanning of single or multiple low volume samples
- Gene Expression assays
- Cell culture measurements
- Endpoint and kinetic assays

Models:

Take3: For use with Epoch, PowerWave XS2, PowerWave XS and all Synergy multi-mode readers equipped with absorbance detection. Take3 plate comes in a carrying case along with the Gen5 Take3 Module and User's Guide

See Web site or price list for complete model listings and descriptions.

Optional Accessories:

- BioCell (p/n 7272051)
- Quartz cuvette with stopper, 10 mm (p/n 48723)



Specifications:

Sample Types:	
Microspots:	Up to sixteen 2 μ L samples can be run at one time for direct nucleic acid and protein quantification
BioCells	BioCell™ locations available for quick 1 cm pathlength measurements
Cuvette	A standard stoppered cuvette can be measured
Compatible Readers:	Epoch™, PowerWave™ XS2 and all Synergy™ readers equipped with absorbance detection
Sample Volume:	Minimum 2 μ L in microspot locations
Optical Pathlength:	0.5 mm
Detection Limit:	2 ng/ μ L (dsDNA) typical
Gen5™ Software Interface:	Comes with Take3 module, compatible with Gen5 and Gen5 Secure
Predefined Applications:	dsDNA, ssDNA, RNA quantification; Protein quantification

*Specifications subject to change



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