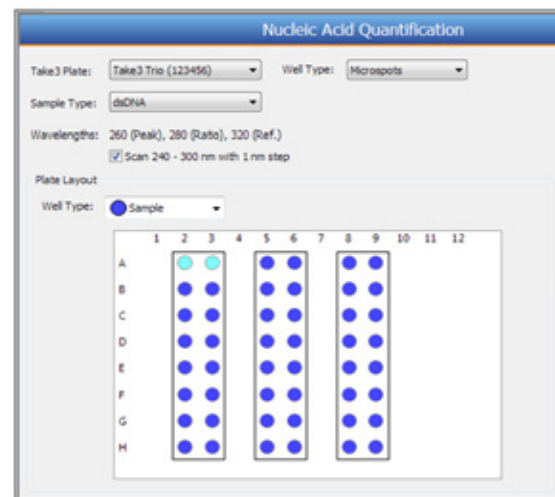


Take3™ Micro-Volume Plates

Measuring micro-volume samples just got faster and easier. BioTek's Take3™ and Take3™ Trio Micro-Volume Plates are designed to increase the functionality of your BioTek microplate spectrophotometer, multi-mode or Hybrid reader by decreasing the sample size required to a mere 2 μ L.

This very small volume allows for quick quantification of nucleic acid and protein samples without dilution, saving time and valuable sample. For added utility, standard cuvettes or the patented BioCell™ can also be used for quick 1 cm measurements, while the ultimate versatility of measuring both absorbance and fluorescence can be accomplished using Take3 or Take3 Trio in a Synergy™ Hybrid or multi-mode reader. Pre-programmed nucleic acid and protein protocols in Gen5™ make quantification fast and easy.



Gen5™ Take3 Trio accommodates up to 48 blanks and samples in a single read.

Quick, concise results display of up to 48 samples with Take3 Trio.

Features:

- 16 (Take3) or 48 (Take3 Trio) microspots for 2 μ L samples
- Direct quantification without dilution
- Pre-programmed nucleic acid and protein protocols in Gen5
- Absorbance and fluorescence measurement capability
- Spectral scanning in micro-volume, BioCells or cuvettes
- Easy to clean, low maintenance sample surfaces
- 2 BioCell measurement locations
- Standard cuvette measurement (Take3)



Configurations:

- TAKE3: Sixteen 2 μ L samples, 2 BioCells, 1 cuvette
- TAKE3TRIO: Forty-eight 2 μ L samples, 2 BioCells

Optional Accessories:

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



Applications:

- Micro-Volume nucleic acid quantification
- Micro-Volume protein quantification
- In-situ fluorometric protein quantification
- 260/280 and 260/230 protein purity measurements
- Very low volume in-situ BCA assay
- Spectral scan of single or multiple low volume samples
- Fluorescent dye quantification
- Gene Expression assays
- Cell culture measurements
- End point and kinetic assays

Specifications:

	<u>Take3</u>	<u>Take3 Trio</u>
2 μ L sample capacity:	16	48
BioCell capacity:	2	2
Cuvette capacity:	1	
Detection limit:	2 ng/ μ L dsDNA (spectrophotometric)	2 ng/ μ L dsDNA (spectrophotometric)
Detection pathlength:	0.5 mm nominal	0.5 mm nominal
Detection modes:	Absorbance and Fluorescence	Absorbance and Fluorescence
Compatible readers:	Cytation, Epoch, Epoch 2, Synergy HTX, Synergy 2, Synergy H1, Synergy Neo2	Cytation, Epoch, Epoch 2, Synergy HTX, Synergy H1, Synergy Neo2
Gen5 interface:	Take3 and Take3 Trio interface available in Gen5 Microplate Reader and Imager Software with pre-programmed protocols for nucleic acid and protein quantification.	
Use and care:	Take3 plates are easily cleaned by simply wiping the slides with laboratory wipes.	



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Performance values represent the average observed factory test values.

**Specifications subject to change.*

Rev. 07/01/16