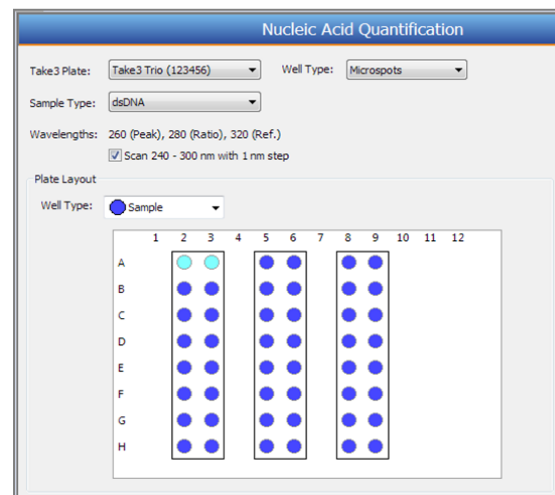


# Take3™ Micro-Volume Plates



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  $\mu$ 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 – up to 48 blanks and samples in a single read.



Sample	Sample Type	Sample Read	Cell	Time
	dsDNA	1	9/13/2011	4:47:23 PM
<b>Side 1</b>				
A	0.001	0.001	0.001	0.001
B	0.002	0.002	0.002	0.002
C	0.003	0.003	0.003	0.003
D	0.004	0.004	0.004	0.004
E	0.005	0.005	0.005	0.005
F	0.006	0.006	0.006	0.006
G	0.007	0.007	0.007	0.007
H	0.008	0.008	0.008	0.008
<b>Side 2</b>				
A	0.001	0.001	0.001	0.001
B	0.002	0.002	0.002	0.002
C	0.003	0.003	0.003	0.003
D	0.004	0.004	0.004	0.004
E	0.005	0.005	0.005	0.005
F	0.006	0.006	0.006	0.006
G	0.007	0.007	0.007	0.007
H	0.008	0.008	0.008	0.008
<b>Side 3</b>				
A	0.001	0.001	0.001	0.001
B	0.002	0.002	0.002	0.002
C	0.003	0.003	0.003	0.003
D	0.004	0.004	0.004	0.004
E	0.005	0.005	0.005	0.005
F	0.006	0.006	0.006	0.006
G	0.007	0.007	0.007	0.007
H	0.008	0.008	0.008	0.008

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

## Features:

- 16 (Take3) or 48 (Take3 Trio) microspots for 2  $\mu$ L samples
- 2 BioCell measurement locations
- Standard cuvette measurement (Take3)
- Absorbance and fluorescence measurement capability
- Pre-programmed nucleic acid and protein quantification protocols in Gen5 Take3 interface
- Spectral scanning in micro-volume, BioCells or cuvettes
- Easy to clean, low maintenance sample surfaces



## Specifications:

	<u>Take3</u>	<u>Take3 Trio</u>
2 $\mu$ L sample capacity:	16	48
BioCell capacity:	2	2
Cuvette capacity:	1	
Detection limit:	2 ng/ $\mu$ L dsDNA (spectrophotometric)	2 ng/ $\mu$ L dsDNA (spectrophotometric)
Detection pathlength:	0.5 mm nominal	0.5 mm nominal
Detection modes:	Absorbance and Fluorescence	Absorbance and Fluorescence
Compatible readers:	Epoch, Eon, Synergy (equipped with absorbance and/or fluorescence detection), PowerWave XS2	
Gen5 interface:	Take3 and Take3 Trio interface available in Gen5 v 2.0 with pre-programmed protocols for nucleic acid and protein quantification. Take3 plates can also be used with the standard Gen5 interface for other assays, using the microspots, BioCell or cuvette locations.	
Use and care:	Take3 plates are easily cleaned by simply wiping the slides with laboratory wipes.	

\*Specification subject to change

## Models:

- Take3™: Sixteen 2  $\mu$ L samples, 2 BioCells, 1 cuvette
- Take3™ Trio: Forty-eight 2  $\mu$ L samples, 2 BioCells

For use with Epoch™, Eon™, Synergy™ Hybrid and Multi-Mode readers, PowerWave™ XS2

## 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
- Endpoint and kinetic assays



**BioTek Instruments, Inc.**  
Highland Park, P.O. Box 998  
Winooski, Vermont 05404-0998, USA

Tel: 802-655-4040 • Toll-Free: 888-451-5171  
Outside the USA: 802-655-4740 • Fax: 802-655-7941