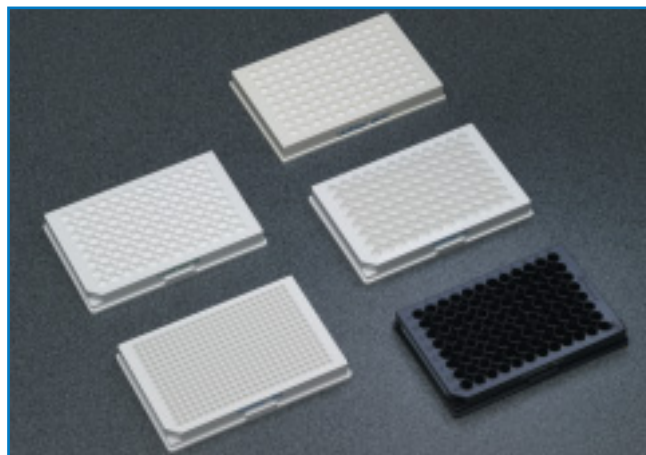


Product Information Bulletin No. 24



<input checked="" type="checkbox"/> ISOTOPIC	<input type="checkbox"/> FLUORESCENCE
<input type="checkbox"/> COLORIMETRIC	<input checked="" type="checkbox"/> LUMINESCENCE

Description

The TopCount sample pack contains a selection of high quality Packard microplates, one piece of each as mentioned under "Ordering Information". These black and white microplates are ideally suited for various applications using Packard's TopCount[®] microplate scintillation and luminescence counter. The sample pack contains white 96- and 384-well OptiPlates[™] for luminescence or isotopic assays. The excellent light reflection increases assay sensitivity. The black OptiPlate-96 F is used for luminescence assays with strong signals to prevent well-to-well crosstalk. The bottom of the shallow well LumaPlate-96[™] is solid scintillator coated, which eliminates the need for adding LSC cocktail. For rapid analysis of non-volatile samples, simply pipette samples into the LumaPlate-96 wells, dry and count in TopCount. The UniFilter[®] GF/C microplates have a built-in, glass filter bottom. For harvesting of cells, receptors, tissue homogenates or precipitates, simply place the plate into the Packard FilterMate[™], and harvest 96 samples simultaneously. If required, dry the filters in the plate, add 20-30 μ L of MicroScint[™] cocktail, seal the plate and count in TopCount.

Features & Benefits

- Enhanced light reflection increases assay sensitivity
- Low crosstalk between wells
- Low background signal

TopCount[®] Microplate Sample Pack

Material	Polystyrene and Borex
Sterile	No
Lids	No
Tissue culture treated	No
Filter type	GF/C
Barcode	On request
White writing area	No

Typical Applications

- Cell proliferation
- Solid Phase RIA/LIA
- ⁵¹Cr release assays
- Scintillation Proximity Assays (SPA)
- Receptor binding assays
- Reporter gene assays
- HPLC fraction analysis

Recommended Companion Products

Microplate sealing:

- TopSeal[™]-A 6005185
- TopSeal-S 6005161

Reagents

- LucLite[®]
- MicroScint LSC cocktails
- Luclite Plus
- ATPLite[™]-M

Instruments:

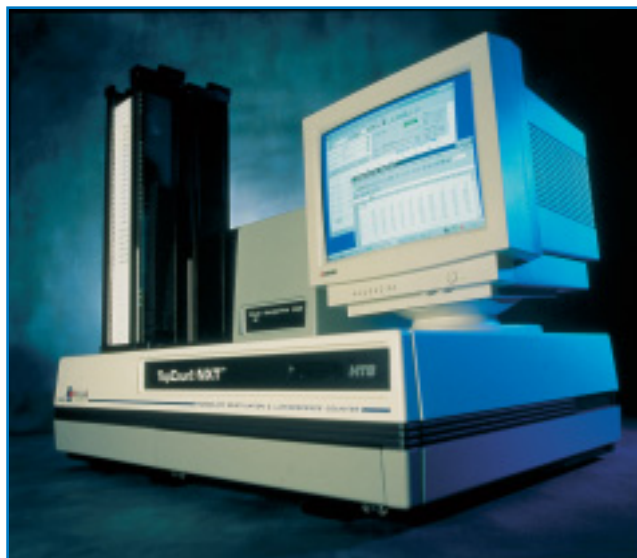
- TopCount
- FilterMate
- MicroMate[™]

Ordering Information

OptiPlate-96 NEW , 96-well, White Case of 50	6005290
OptiPlate-96 F NEW , 96-well, Black Case of 50	6005270
OptiPlate-384 NEW , 384-well, White Case of 50	6007290
LumaPlate-96 , shallow 96-well, scintillator-coated Case of 100	6006633
UniFilter GF/C , 96-well, filter bottom Case of 50	6005174

TopCount NXT™ Microplate Scintillation and Luminescence Counter

TopCount NXT with Windows NT®-based operating software and built-in Hologram® relational database software, provides the maximum capability for both basic research and high throughput screening. The HTS version lets you count radioisotopic and luminescent samples twelve at a time in both 96- and 384-well microplates, separately or intermixed. The external plate stacker allows more than 15,000 samples to be loaded for the highest unattended counting capacity, or you can integrate your TopCount NXT into a robotic system for unlimited high throughput. Being Windows NT-based, TopCount NXT is easily networked to provide error-free, automatic data transmission. Best of all, you'll never lose data due to printer or network failures, because the built-in Hologram database automatically stores the data for every sample you count!



Uncompromised Performance

Customer-proven by thousands of researchers, TopCount NXT is your best choice for speed, accuracy, and versatility in microplate counting. If you need to count gammas, betas, or luminescent samples, TopCount NXT will do it without interfering crosstalk. You can perform solid scintillation, liquid scintillation, filter counting, Cerenkov counting, SPA, and scintillating microplate counting, without compromising quality. It's like having three counters in one!

Application-focused range of Packard Microplates

In addition to the selection of 5 Packard microplates enclosed in this sample pack, Packard offers a broad range of microplates for TopCount applications. Black and white plates, 24-, 96-, 384-well formats, tissue culture treated, filter-bottomed and scintillator coated are available. The table below shows an overview of Packard microplates for TopCount applications. Please contact your local Packard Office for more details or free samples.

Part Number	Product	Quantity per case	Part Number	Product Name	Quantity per case
6005186	OptiPlate (24-well, white)	100	6005176	UniFilter GF/B (24-well, GF/B filter bottom, white)	50
6005290	OptiPlate-96 NEW (96-well, white)	50	6005177	UniFilter GF/B (96-well, GF/B filter bottom, white)	50
6005270	OptiPlate-96 F NEW (96-well, black)	50	6005174	UniFilter GF/C (96-well, GF/C filter bottom, white)	50
6007290	OptiPlate-384 NEW (384-well, white)	50	6005219	OmniFilter™ (96-well, filter plate assembly, white)	50
6007270	OptiPlate-384 F NEW (384-well, black)	50	6006633	LumaPlate-96 (shallow 96-well, scint. coated, white)	100
6005168	CulturPlate™ (24-well, white)	50	6005630	Deepwell LumaPlate-96 (96-well, scint. coated, white)	50
6005680	CulturPlate-96 NEW (96-well, white)	50	6005163	PicoPlate™ (24-well, solvent resistant, white)	100
6005660	CulturPlate-96 F NEW (96-well, black)	50	6005162	PicoPlate (96-well, solvent resistant, white)	100
6007680	CulturPlate-384 NEW (384-well, white)	50	6005178	MultiScreen® Filter Plate Adapter for TopCount	50
6007660	CulturPlate-384 F NEW (384-well, black)	50	6005198	TopSeal-A (self-adhesive for all 24-well plates)	100
6006290	ProxiPlate-96™ (shallow 96-well, white)	50	6005185	TopSeal-A (self-adhesive for 96- and 384-well plates)	100
6006270	ProxiPlate-96 F (shallow 96-well, black)	50	6005161	TopSeal-S (for polystyrene microplates)	100
6006280	ProxiPlate-384 (shallow 384-well, white)	50	6005160	TopSeal-P (for solvent resistant microplates)	100
6006260	ProxiPlate-384 F (shallow 384-well, black)	50			



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