



96-Well Multi-Tier™ Microtiter Plates

Advantages

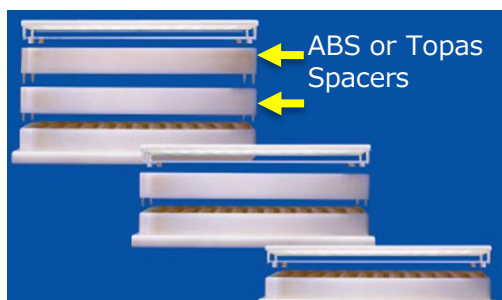
- ① Avoid cross contamination of samples in each well and high quality glass allows free from contaminants caused by typical plastic wares.
- ② Resorting for the "HIT-collection" in a definite plates allows space saving in a freezer.
- ③ Avoid generation of large amounts of plastic waste.



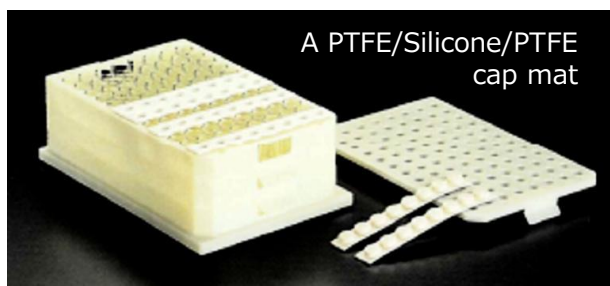
96-well base plate



0.5 mL vials
1.0 mL vials
1.5 mL vials
2.0 mL vials



ABS or Topas Spacers



A PTFE/Silicone/PTFE cap mat

These Multi-Tier™ 96-well microplate systems are a patented modular, reusable system featuring a base plate capable of securing conical glass, flat bottom glass or polypropylene vials of different sizes.

Key Features:

- Standard 8x12 (96-well) footprint with an alphanumeric grid allows use in most of conventional instruments.
- Manufactured from chemically-resistant materials: ABS (Acrylic Butyl Styrene) or Topas (COC-Cyclic Olefin Copolymers)
- Height can be adjusted upon request: volume choices are 0.5 mL, 1.0 mL, 1.5 mL, and 2.0 mL (deep well size)
- Choice of 9 mm glass or plastic vials with conical or flat bottoms.
- Plate height can be fixed and adjusted to height limitation of analytical instruments.
- Spacers build adjustable height to support different vial size (one spacer for 1.0 mL tubes, two spacers for 1.5 mL tubes and three spacers for 2.0 mL tubes)
- PTFE/Silicone/PTFE cap mats are provided. The cap mats permit easily needle-penetration while the molded PTFE/Silicone cap mats lock into each of the 96 vials and reseals even after multiple injections to reduce the solvent evaporation or cross contamination.
- Plate cover locks the cap-mat preventing vial pullout and to provide a secondary sealing system.
- Base Plate has an open bottom allowing uniformly heating or cooling. The plates can be immersed in a water bath.
- The Multi-tier microplates do not float in the water bath and a range of different-sized vials can be used with the same base plate just by adding spacers to the base.
- Secure fit of the vials in the base plate permits the use of shakers and/or vortex mixing for sample preparation.
- Compatible with all auto-samplers and robotic systems.

Key applications:

Experimental Assays	Sorbent Assays
Drug Discovery	Drug Metabolism Research
Combinatorial Chemistry	High-Throughput Screening (HTS)
LC-MS-MS	

Conical and Tapered Glass Snap Seal™ Vials, 8 mm Crimp Finish

Accessories for Microplate



Designed to fit 96-Square Deep Well Microplates.

Conical vials are manufactured from Type I Borosilicate Glass
Conical or Tapered vials can be chosen in 3 sizes: 0.4, 0.75 & 0.8 mL.
Glass vials provide solvent resistant & environment friendly.

Conical and tapered design allows sample access down to 10 mL.
Compatible with autosamplers and robotic system.

8 mm OD vials fit securely in 96-square deep well plates like Greiner, Matrix and Ritter

※ 0.4 mL conical vial must be capped prior to placement in a microplate





96-Well Multi-Tire™ Microtiter Plates

P/N	DESCRIPTION	QTY	P/N	DESCRIPTION	QTY
MTP System: Base Plate x 1, Vials x96, Septum (PTFE/Silicone/PTFE) x 1, Cover x 1, Spacers (for 1.0, 1.5, 2.0 ml)					
• Glass Conical Bottom Vial, ABS			• Glass Conical Bottom Vial, Topas		
9905LC-812	0.5 ml	1	9905LC-812T	0.5 ml	1
9910LC-812	1.0 ml	1	9910LC812T	1.0 ml	1
9915LC-812	1.5 ml	1	9915LC-812T	1.5 ml	1
9920LC-812	2.0 ml	1	9920LC-812T	2.0 ml	1
• Glass Flat Bottom Vial, ABS			• Glass Flat Bottom Vial, Topas		
9905LC-812FB	0.5 ml	1	9905LC-812FT	0.5 ml	1
9910LC-812FB	1.0 ml	1	9910LC-812FT	1.0 ml	1
9915LC-812FB	1.5 ml	1	9915LC-812FT	1.5 ml	1
9920LC-812FB	2.0 ml	1	9920LC-812FT	2.0 ml	1
Parts					
9900C-812	Cover (ABS)	5	9900C-812T	Cover (Topas)	5
9900-812	Spacer (ABS)	1	9900-812T	Spacer (Topas)	1
9996-812	Base Plate (ABS)	1	9996-812T	Base Plate (Topas)	1
Flat Septum					
996070-812S	PTFE/Silicone/PTFE (With Slit)	5	996040-812	PTFE/Butyl/PTFE (With Slit)	5
Molded Septum					
996050-812	96 well, PTFE/Silicone	5	996044-812	96 well, PTFE/Butyl	5
996075-812	96 well, PTFE/Silicone (With Slit)	5	996047-812	96 well, PTFE/Butyl/PTFE (With Slit)	5
996015-812	96 well, Silicone	5	996035-812	96 well, Silicone (With Slit)	5
96050-8STRIP	8 well, PTFE/Silicone	12	96050-8PLUG	1 well, Silicone	12
96075-8STRIP	8 well, PTFE/Silicone (With Slit)	12	96075-8PLUG	1 well, Silicone (With Slit)	12
Glass Conical Bottom Vials			Glass Conical Bottom Vials (In Vial Loader)		
4050-917	0.5 ml	100	4050-917VL	0.5 ml	100
4100-930	1.0 ml	100	4100-930VL	1.0 ml	100
4150-944	1.5 ml	100	4150-944VL	1.5 ml	100
4200-950	2.0 ml	100	4200-950VL	2.0 ml	100
4150M-944	1.5 ml (Marking Spot)	100	4150M-944VL	1.5 ml (Marking Spot)	100
4200M-950	2.0 ml (Marking Spot)	100	4200M-950VL	2.0 ml (Marking Spot)	100
Glass Flat Bottom Vials			Glass Flat Bottom Vials (In Vial Loader)		
4050FB-917	0.5 ml	100	4050FB-917VL	0.5 ml	100
4100FB-930	1.0 ml	100	4100FB-930VL	1.0 ml	100
4150FB-944	1.5 ml	100	4150FB-944VL	1.5 ml	100
4200FB-950	2.0 ml	100	4200FB-950VL	2.0 ml	100
4150FBM-944	1.5 ml (Marking Spot)	100	4150FBM-944VL	1.5 ml (Marking Spot)	100
4200FBM-950	2.0 ml (Marking Spot)	100	4200FBM-950VL	2.0 ml (Marking Spot)	100
Polypropylen Conical Bottom Vials					
4050P-917	0.5 ml	100	4150P-944	1.5 ml	100
4050P-917VL	0.5 ml (In Vial Loader)	96	4150P-944VL	1.5 ml (In Vial Loader)	96
Accessories					
9900VFC-812	PETG Solid Clear Cover	5	AWB-100	Shallow Aluminum Water Basin for Topas MTP	1
BST-9790	2mil Blue Teflon 96 Well Pattern Sealing Tape - Patent Pending	100			
4000-VR	Vial Remover	1	BST-9791	5 mm Teflon 96 Well Pattern Sealing Tape - Patent Pending	100

