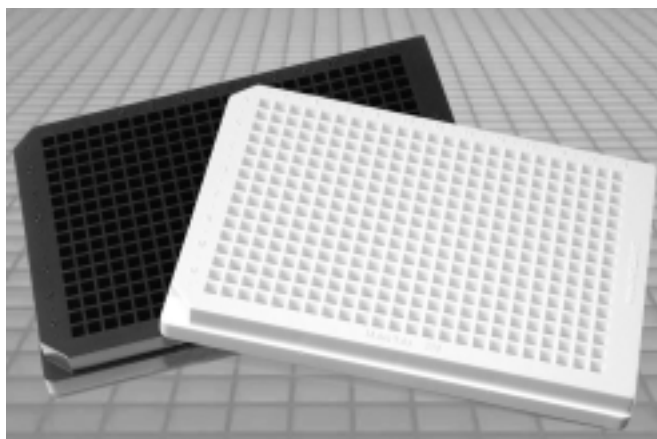


Standard and Low Volume - 384 well MatriPlate™



Features:

- **MP100 series** offers 20-120µl working volume and includes: a flat bottom with rounded square wells to eliminate liquid wicking; and raised well edge for enhanced sealing.
- **MP101 series** offers 0.5-50µl working volume, allowing significant reagent savings over a 96-well plate. A constant surface-area-to-volume and plastic-area-to-volume ratio between 2-40µl allows direct miniaturization (in a 384 or 1536-well format) without requiring that you reformat your assay. A unique inverted, cropped-pyramid well design enhances assay signal through better light transfer, directs automated 96 or 384 pipettor tips into sample wells, eliminates vapor lock bubble formation, and ensures easier scaling.

Both MP100 and MP101 series:

- Are optimized for fluorescence, luminescence, fluorescence polarization and time resolved fluorescence.
- Ensure strict adherence to ANSI/ SBS tolerances, including plate flatness. Polypropylene parts tend to change shape over time, which is detrimental to pipetting. MatriCal's polypropylene microwell plates contain a 2 micron ceramic glass bead filler to provide additional structural rigidity. Because polypropylene fully coats any additive included in the molding process, the samples will not be exposed to the glass bead.
- Are ideal for detectors using CCD or PMT technology including LeadSeeker™, ViewLux™, Victor™, Fusion™, Envision™, Analyst™, Acquest™, Ultra™ and more.
- Offer a wide variety of options, including: black, white or clear; polystyrene or polypropylene; low-binding PTFE-filled polypropylene; sterile; and special surface treatments, including tissue culture, poly D-lysine, fibronectin, collagen and more.

Applications of Interest

- Chemiluminescence assays
- Fluorescence assays
- Colorimetric assay
- Cell based assays

► **Tech Tip** *S.I.S. can machine custom sample plates and microwell plates to meet your needs. Call 908-788-5550 for a quote.*

Part No.	Volume	Material	Color	Qty./Case	Price
Standard 384-well MatriPlate™					
MP100-1-PS	120µl	Polystyrene	Black	100	
MP100-2-PS	120µl	Polystyrene	White	100	
MP100-1-PS-S	120µl	Polystyrene Sterile	Black	50	
MP100-2-PS-S	120µl	Polystyrene Sterile	White	50	
MP100-3-PS-S	120µl	Polystyrene Sterile	Clear	50	
MP100-1-PL	120µl	Polystyrene Polylysine Coated	Black	50	
MP100-2-PL	120µl	Polystyrene Polylysine Coated	White	50	
MP100-3-PL	120µl	Polystyrene Polylysine Coated	Clear	50	
MP100-1-SA	120µl	Polystyrene Streptavidin Coated	Black	50	
MP100-2-SA	120µl	Polystyrene Streptavidin Coated	White	50	
MP100-3-SA	120µl	Polystyrene Streptavidin Coated	Clear	50	
MP100-1-PP	120µl	Polypropylene	Black	100	
MP100-2-PP	120µl	Polypropylene	White	100	
MP100-3-PP	120µl	Polypropylene	Natural	100	
Low-Volume 384-well MatriPlate™					
MP101-1-PS	0.5-50µl	Polystyrene	Black	100	
MP101-2-PS	0.5-50µl	Polystyrene	White	100	
MP101-1-PS-S	0.5-50µl	Polystyrene Sterile	Black	50	
MP101-2-PS-S	0.5-50µl	Polystyrene Sterile	White	50	
MP101-3-PS-S	0.5-50µl	Polystyrene Sterile	Clear	50	
MP101-1-PL	0.5-50µl	Polystyrene Polylysine Coated	Black	50	
MP101-2-PL	0.5-50µl	Polystyrene Polylysine Coated	White	50	
MP101-3-PL	0.5-50µl	Polystyrene Polylysine Coated	Clear	50	
MP101-1-SA	0.5-50µl	Polystyrene Streptavidin Coated	Black	50	
MP101-2-SA	0.5-50µl	Polystyrene Streptavidin Coated	White	50	
MP101-3-SA	0.5-50µl	Polystyrene Streptavidin Coated	Clear	50	
MP101-1-PP	0.5-50µl	Polypropylene	Black	100	
MP101-2-PP	0.5-50µl	Polypropylene	White	100	
MP101-3-PP	0.5-50µl	Polypropylene	Natural	100	