

Black & White Immunoplate

(#31396/31496/31197/31297/31196/31296)

1. Description

SPL provides high quality 96-well plates suitable for various high throughput assays. Fluorescence and luminescence assays have been successfully tested with SPL 96 Well Microplates by many high throughput laboratories. SPL 96-well microplates have a characteristic feature of high signal with low background.

- **White plates** provide maximum reflection and minimum cross-talk for luminescence assay.
- **Black plates** are designed for minimum light scattering and cross-talk during fluorescence assay.
- **Maxibinding** : Modified polystyrene surface for higher binding capacity for proteins and other molecules with both hydrophilic and hydrophobic regions. (Recommended for most ELISA experiments)
- **Medibinding** : Surface adsorbs proteins and molecules that consists of intermediate hydrophobic and hydrophilic properties. (Antigen/Antibody ELISA; More hydrophobic compared to Maxibinding Plates)
- **Unibinding** : Suitable for adsorption of hydrophobic molecules.(Antigen ELISA)

2. Features

- ❖ Suitable for fluorescence assay, luminescence assay
- ❖ 3 type surface
- ❖ Individual lids provided for each plate (Black Plate with black lid, White plate with transparent lid)
- ❖ Plate type (96well per plate)
- ❖ HTS (High-Throughput Screening) compatible
- ❖ Flat bottom
- ❖ Raised rims on the wells
- ❖ Alphanumeric labeling
- ❖ Designed for easy handling and automation

3. Product Range

Cat.No.	Material	Plate Color	Surface Type	External Dimension w x l x h(mm)	Bottom Surface Area (cm ²)	Total Vol. (μl)	Working Vol. (μl)	Packaging
31396	PS	White	Maxibinding	85.4 x 127.6 x 14.4	0.33	300	200	10 / 100
31496	PS	Black	Maxibinding	85.4 x 127.6 x 14.4	0.33	300	200	10 / 100
31197	PS	White	Medibinding	85.4 x 127.6 x 14.4	0.33	300	200	10 / 100
31297	PS	Black	Medibinding	85.4 x 127.6 x 14.4	0.33	300	200	10 / 100
31196	PS	White	Unibinding	85.4 x 127.6 x 14.4	0.33	300	200	10 / 100
31296	PS	Black	Unibinding	85.4 x 127.6 x 14.4	0.33	300	200	10 / 100

4. Certification

SPL Life Sciences hereby certifies that the product identified above, inspected to be in compliance with product quality specification and requirements as documented in our ISO 9001:2015 Quality Management System (K-QA-Q031478) in Korea.

SPL-TDS-BWIP

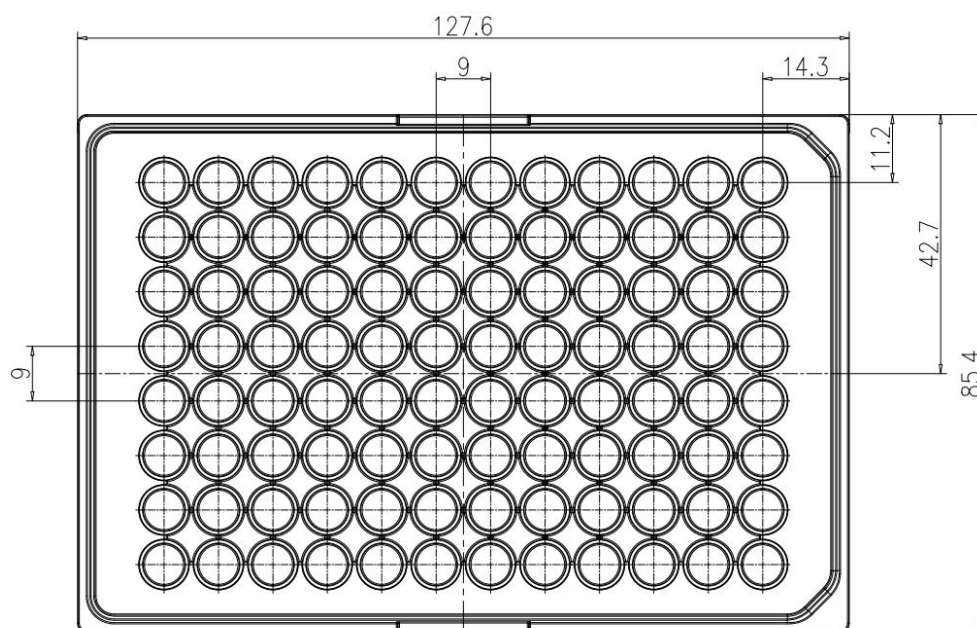
5. Specifications & Technical Drawing

- Specifications

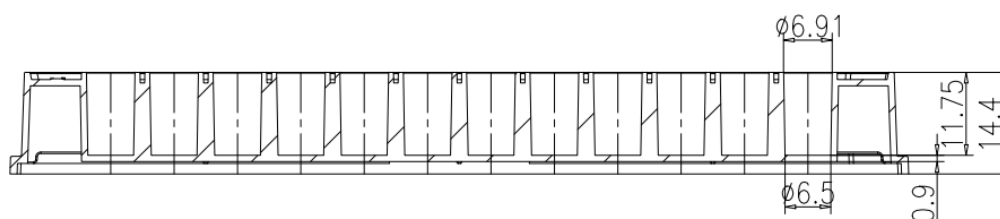
		Dimensions		Material (Resin)	Packaging
Lid		Plate	Well		
Length: 85.40 mm Width: 127.60 mm Height: 9.00 mm		Length: 85.40 mm Width: 127.60 mm Height: 14.40 mm Thickness: 0.90 mm Growth Area: 9.60 cm ²	Diameter: 6.50 mm Depth: 11.40 mm Center to Center: 9.00 mm	Crystal-grade polystyrene (PS)	▪ Pieces/Sleeve: 10 ▪ Pieces/Case: 100

- Technical Drawing

Plate



Bottom



www.spllifesciences.com

For technical assistance, contact SPL R&D Center at:

Tel: +82-31-533-4800; Fax: +82-31-533-1430; e-mail: spl@ispl.co.kr

To place an order, contact your local distributor or

Tel: +82-31-533-4800; Fax: +82-31-533-1430; e-mail: business@ispl.co.kr

SPL-TDS-BWIP

For Research Use Only. Not intended for use in diagnostic or therapeutic procedures.
© SPL Life Sciences Co., Ltd., Version 5, November 20th, 2018