

384 HT Plate

(#34384/35384/36384/31384/32384/33384)

1. Description

SPL Life Sciences provides high quality 384 HT Plates for high throughput research laboratories. Fluorescence and luminescence assays have been successfully tested with SPL 384 HT Plates, results featuring high signal with low background.

- **White plates** : maximum reflection and minimum cross-talk for luminescence assay.
- **Black plates** : minimum light scattering and cross-talk during fluorescence assay.
- **Maxibinding** : Modified polystyrene surface for a higher binding capacity for proteins and other molecules with both hydrophilic and hydrophobic regions, such as immunoglobulins. (Recommended for most ELISA experiments)
- **Unibinding** : This polystyrene surface is suitable for adsorption of hydrophobic molecules. (Antigen ELISA)

2. Features

- ❖ 2 surface type
- ❖ Suitable for colorimetry, fluorescence and luminescence assay
- ❖ HTS (High-Throughput Screening) compatible
- ❖ Transparent lid provided with each well plate
- ❖ Flat bottom
- ❖ Alphanumeric labeling

3. Product Range

| Cat.No. | Material | Plate Color | Surface Type | External Dimension (mm) | Bottom Surface Area (cm ²) | Total Vol. (μl) | Working Vol. (μl) | Packaging |
|---------|----------|-------------|--------------|-------------------------|--|-----------------|-------------------|-----------|
| 34384 | PS | Clear | Maxibinding | 85.4 x 127.4 x 14.4 | 0.07 | 120 | 100 | 10 / 40 |
| 35384 | PS | White | Maxibinding | 85.4 x 127.4 x 14.4 | 0.07 | 120 | 100 | 10 / 40 |
| 36384 | PS | Black | Maxibinding | 85.4 x 127.4 x 14.4 | 0.07 | 120 | 100 | 10 / 40 |
| 31384 | PS | Clear | Unibinding | 85.4 x 127.4 x 14.4 | 0.07 | 120 | 100 | 10 / 40 |
| 32384 | PS | White | Unibinding | 85.4 x 127.4 x 14.4 | 0.07 | 120 | 100 | 10 / 40 |
| 33384 | PS | Black | Unibinding | 85.4 x 127.4 x 14.4 | 0.07 | 120 | 100 | 10 / 40 |

4. Certification

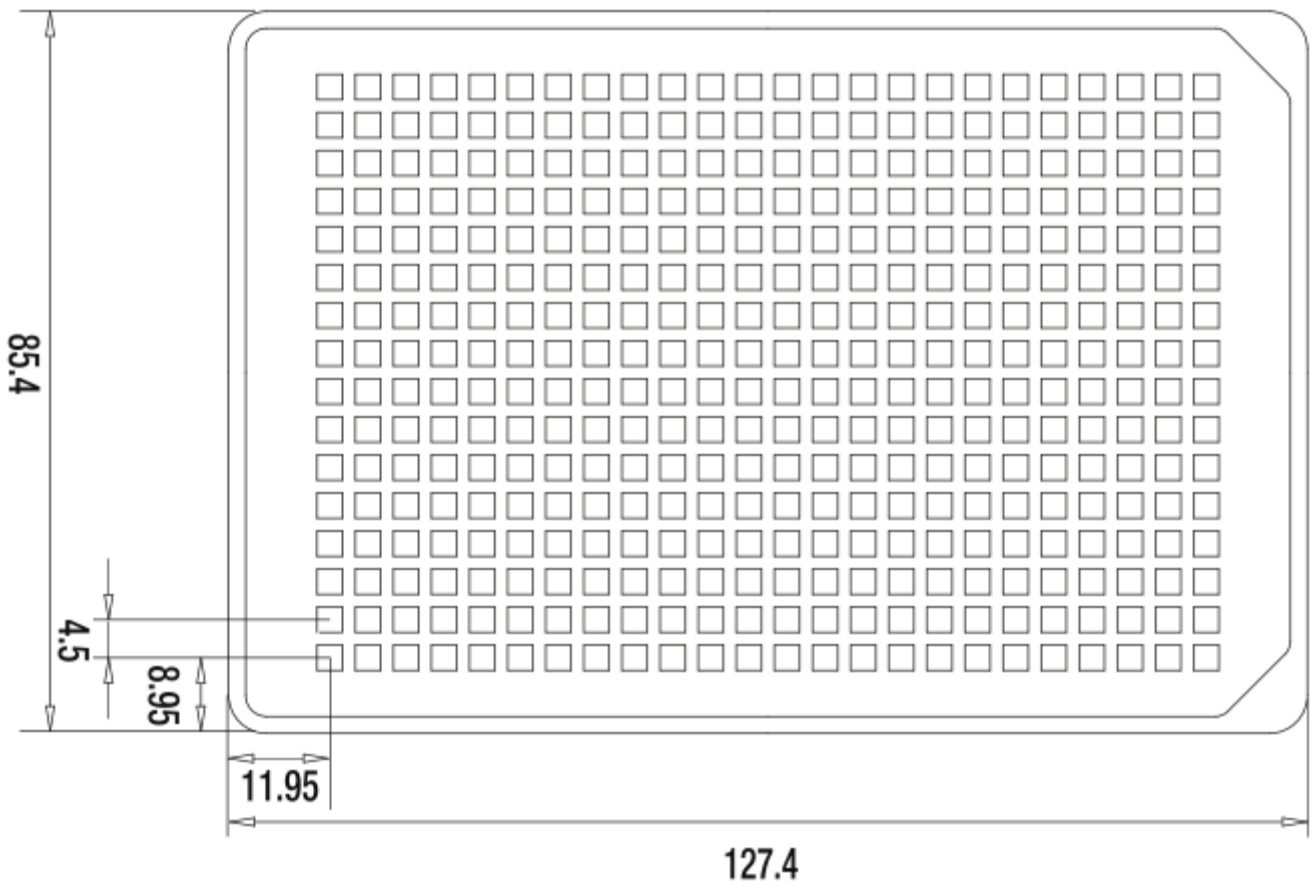
SPL Life Sciences hereby certifies that the product identified above, inspected to be in compliance with product quality specification and requirements as documented in our ISO 9001:2015 Quality Management System (K-QA-Q031478) in Korea.

5. Specifications & Technical Drawing

- Specifications

| Dimensions | | Material (Resin) | Packaging |
|---|---|--------------------------------|--|
| Lid | Plate | | |
| Length: 127.40 mm Width: 85.40 mm Height: 9.00 mm | Length: 127.40 mm Width: 85.40 mm Height: 14.40 mm Bottom surface area: 0.07 cm ² | Crystal-grade polystyrene (PS) | ▪ Pieces/Sleeve: 10 ▪ Pieces/Case: 40 |

- Technical Drawing



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
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SPL-TDS-384HT

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