

Cuvette

1. Description

SPL spectrophotometer cuvettes use high-grade virgin resin and can be used for most spectrophotometer applications in the visible or UV range. Developed for single use to maintain accurate and consistent samples, it is compatible with most spectrophotometers and photometers. Replaces quartz cuvettes for DNA, RNA, protein purity and quantification, and other UV/VIS applications at 280-800nm while avoiding scratching, washing and sample replacement contamination.

2. Features

- ❖ Disposable 10 mm pathlength cuvettes designed for visible and UV/Vis assays
- ❖ Standard 1.5 and 4.5 mL sample capacity
- ❖ Clear two-sided cuvettes are ideal for fluorimetry and nephelometry, as well as spectrophotometry
- ❖ Standard deviation is $< \pm 0.005$ extinction units between cuvettes

3. Functional Test

- ❖ Cytotoxicity
- ❖ Non-Pyrogenic
- ❖ RNase/DNase Free
- ❖ Human-DNA Free

4. Product Range

Cat.No.	Material	Type	External Dimension (mm)	Wavelength Range (nm)	Volume (mL)	Steriles	Packaging
46015	PS	Standard	12.8 * 12.8 * 44.8	340 – 800	1.50	-	100
46045	PS	Standard	12.6 * 12.6 * 44.8	340 – 800	4.50	-	100
46115	PMMA	UV	12.8 * 12.8 * 44.8	280 – 800	1.50	-	100
46145	PMMA	UV	12.6 * 12.6 * 44.8	280 – 800	4.50	-	100

5. 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.

6. Specifications & Technical Drawing

(1) Cuvette-Standard (#46015)

- Specifications

Dimensions	Wavelegth Range (nm)	Materials	Steriles	SterilesPackaging
Length: 12.8 mm Width: 12.8 mm Height: 44.8 mm	340 - 800	PS	-	▪ Pieces/Sleeve: 100

(2) Cuvette-Standard (#46045)

- Specifications

Dimensions	Wavelegth Range (nm)	Materials	Steriles	SterilesPackaging
Length: 12.6 mm Width: 12.6 mm Height: 44.8 mm	340 - 800	PS	-	▪ Pieces/Sleeve: 100

(3) Cuvette-UV (#46115)

- Specifications

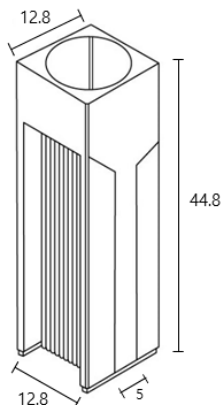
Dimensions	Wavelegth Range (nm)	Materials	Steriles	SterilesPackaging
Length: 12.8 mm Width: 12.8 mm Height: 44.8 mm	280 - 800	PMMA	-	▪ Pieces/Sleeve: 100

(4) Cuvette-UV(#46145)

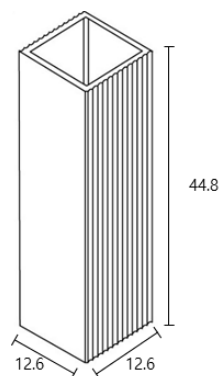
- Specifications

Dimensions	Wavelegth Range (nm)	Materials	Steriles	SterilesPackaging
Length: 12.6 mm Width: 12.6 mm Height: 44.8 mm	280 - 800	PMMA	-	▪ Pieces/Sleeve: 100

- Technical Drawing



(#46015 / #46115)



(#46045 / #46145)

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-Cuvette

For Research Use Only. Not intended for use in diagnostic or therapeutic procedures.
© SPL Life Sciences Co., Ltd., Version 1, MAY. 24th, 2021