

PCR Plate

1. Description

SPL Life Sciences released a PCR Plate that can be used for Thermal cycler or real-time PCR equipment. Amplification is faster and more accurate through effective heat transfer with very thin walls. The white wells increase the fluorescence signal of qPCR by about 10 times that of transparent wells, so it is economical because it allows experiments with fewer reagents. The raised rims around each well allow tight sealing using a variety of procedures, including pressure-, adhesive-, and heat-sealing methods.

2. Features

- ❖ Thin wall for fast PCR
- ❖ Medical-grade virgin polypropylene
- ❖ ANSI/SBS standard dimensions
- ❖ Raised well rims, optimized for heat-sealing tapes or adhesive sealing tape (SPLSEAL™ Pressure-sensitive tape, #96004)

3. Functional Test

DNase/RNase - free : Passed
Human DNA - free : Passed

4. Product Range

Cat. No.	Materials	Well	Color	Profile	Skirt	Max. Volume (ml)	Cut corner	Packaging
60096	PP	96	White	Low	Full	0.20	A12, H12	10 / 50
60396	PP	96	Clear	High	Semi	0.30	A12	10 / 50

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.

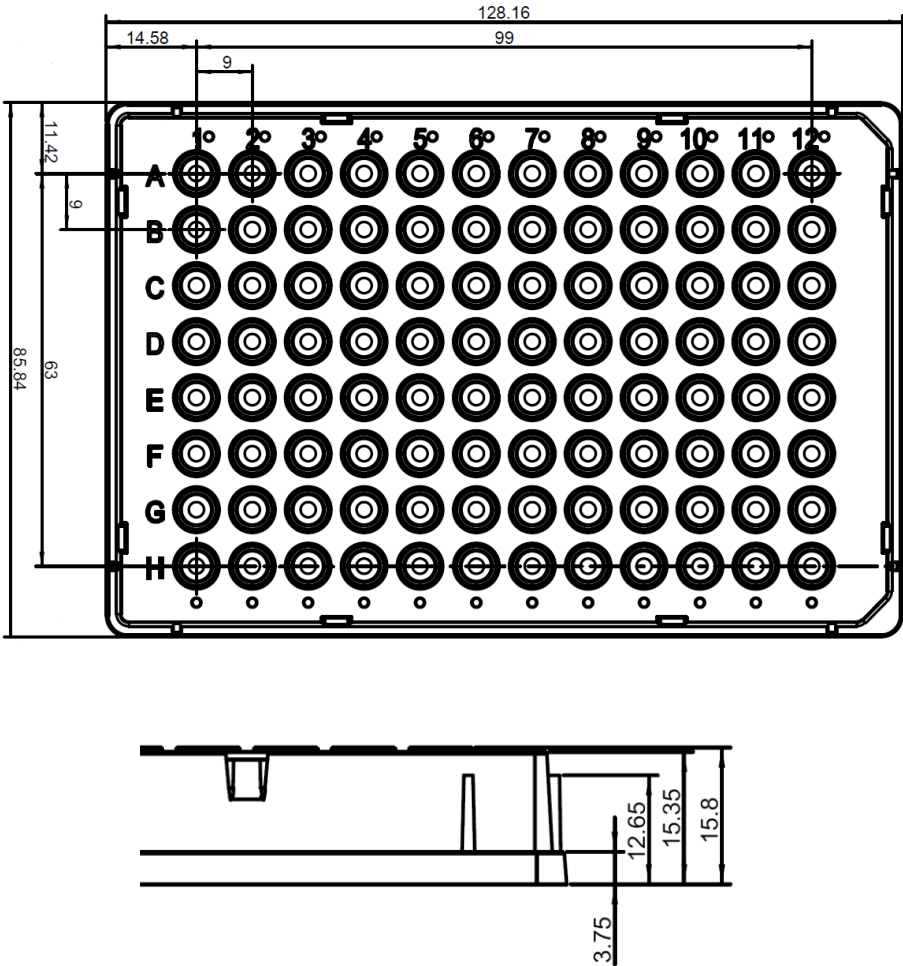
6. Specifications & Technical Drawing

(1) PCR Plate (#60096)

- Specifications

Dimensions	60096	Material (Resin)	Packaging
Length at base plane	128.16 mm	Medical-grade Polypropylene	- Pieces/Sleeve: 10 - Pieces/Case: 50
Width at base plane	85.84 mm		
Height overall	15.80 mm		
Well depth	14.26 mm		
Well Diameter at opening	5.50 mm		
Well volume	200 µl		
Well spacing	9.00 mm		
Well angle	17.4°		
Well offset			
Left edge to well A1	14.58 mm		
Top edge to well A1	11.42 mm		
Left edge to H12	113.58 mm		
Top edge to H12	74.42 mm		

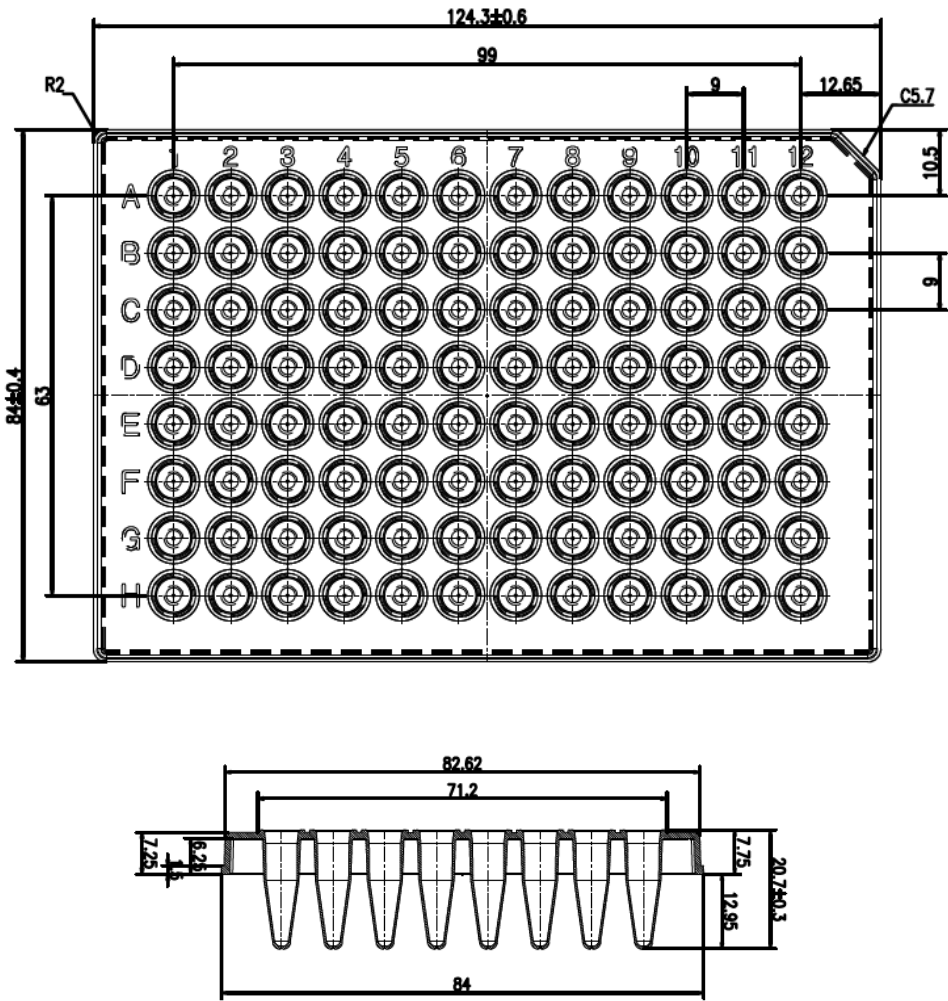
- Technical Drawing



(2) PCR Plate (#60396)
- Specifications

Dimensions	60096	Material (Resin)	Packaging
Length at base plane	124.30 mm	Medical-grade Polypropylene	- Pieces/Sleeve: 10 - Pieces/Case: 50
Width at base plane	84.00 mm		
Height overall	20.70 mm		
Well depth	19.20 mm		
Well Diameter at opening	5.50 mm		
Well volume	300 μ l		
Well spacing	9.00 mm		
Well angle	12.0°		
Well offset			
Left edge to well A1	12.65 mm		
Top edge to well A1	10.50 mm		
Left edge to H12	111.65 mm		
Top edge to H12	73.50 mm		

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