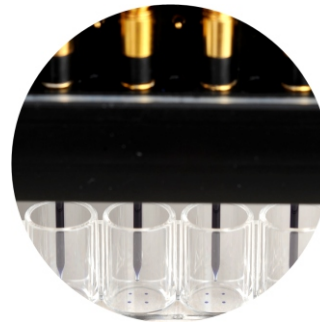
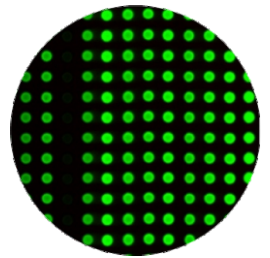
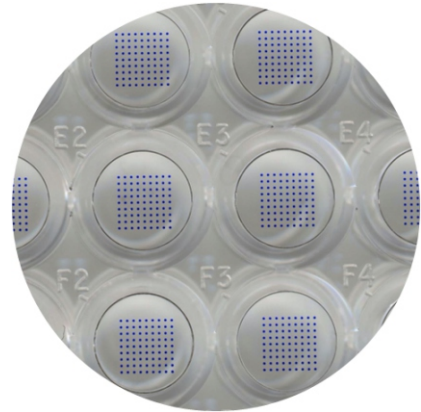
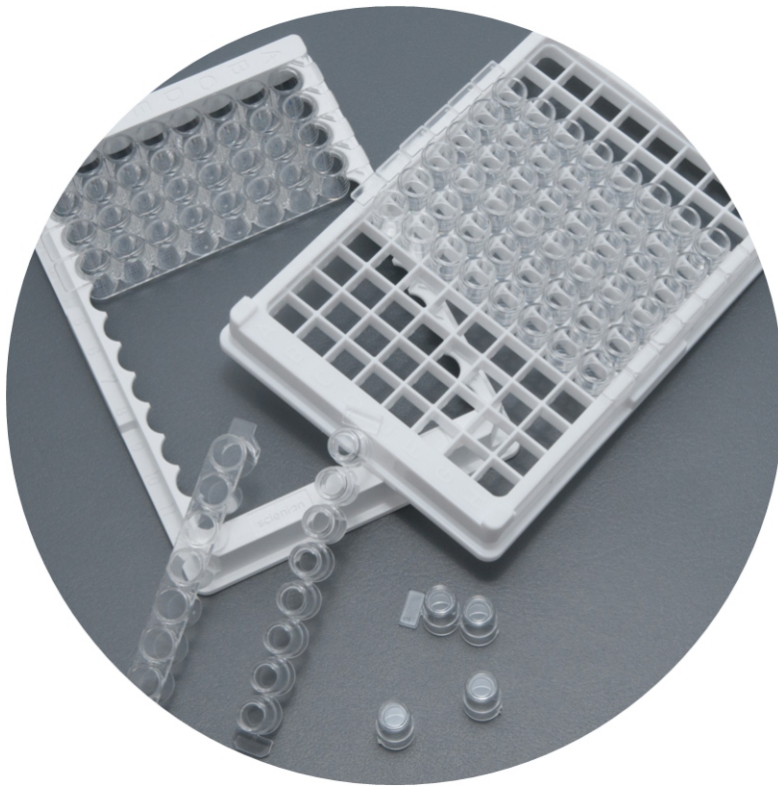


sciCONSUMABLES



sciPLEXPLATES 96

- highly homogeneous, defect-free surfaces optimized for microarray applications
- enable miniaturization and multiplexing of DNA and ELISA tests in microarray format
- tailor-made surface functionalization allow efficient immobilization of biomolecules
- 96-well plates in three formats: 8-well strips, single breakable wells or solid
- compatible with standard microplate handling labware
- optimized for non-contact arraying using sciFLEXARRAYER technology

sciPLEXPLATES . . . *Scaleable throughput and decrease cost for multiplex tests*



sciPLEXPLATES 96

Benefits

- High immobilization efficiencies of biomolecules due to optimized surfaces
- Microtiterplates qualified for array applications allow cost reduction by saving reagents
- Compatible with standard lab automation (pipettors, washers, incubators, etc.)
- Compatible with commonly used scanners*
- Low background in fluorescence applications
- No risk of cross contamination between arrays, no sealing needed

Product Features

Material, format:

- 96-well SBS-format
- Plates made of polystyrene designed for colorimetric applications
- Plates made of COP designed for fluorescence applications
- Flat bottom
- 8-well strips, single breakable wells with frame or solid

Surface, immobilization:

- Dust minimized printing areas
 - Tailor-made surfaces for array applications
- Different coatings: Type 1, Type 2
(allow optimal protein and DNA immobilization and minimizing of non-specific binding)
- High surface homogeneity optimized for array applications

Array printing:

- Ideally suited for sciFLEXARRAYER
 - Arrays with different spot diameters can be printed
- Any spotting pattern from 1x1 to 16x16 and mixed forms
(higher density of arrays on request)

Detection:

- Fluorescence and colorimetric detection
- High optical transmission and low auto fluorescence for optimal performance

*For advices and recommendations please contact support@scienion.de

Applications

- DNA and protein multiparameter analysis
- Genotyping and pathogen identification
- Molecular and clinical diagnostics
- Autoimmune diseases
- Infectious diseases
- Immunology
- Oncology
- Food (e.g. allergens) and plant analytics
- Drug development

Options & Services

- Customized functional coatings for specific applications
- Array specific IDs
- Contract microarray printing service
- Contract assay development

Order Information

Product	Size	Cat. No
sciPLEXPLATE 96 Type 1	10	CPH-5511-10
(12 x 8-well strips per plate)	100	CPH-5511-100
	1000	CPH-5511-1000
	10000	CPH-5511-10000
sciPLEXPLATE 96 Type 2	10	CPH-5521-10
(12 x 8-well strips per plate)	100	CPH-5521-100
	1000	CPH-5521-1000
	10000	CPH-5521-10000
sciPLEXPLATE 96 breakable Type 1	5	CPH-5531-5
(12 x 8 single breakable well strips per plate)	100	CPH-5531-100
	1000	CPH-5531-1000
	10000	CPH-5531-10000
sciPLEXPLATE 96 Solid Type 1	10	CPH-5541-10
	100	CPH-5541-100
	1000	CPH-5541-1000
	10000	CPH-5541-10000
sciPLEXPLATE 96 Solid, Black, Type 1	10	CPH-5551-10
	100	CPH-5551-100
	1000	CPH-5551-1000

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