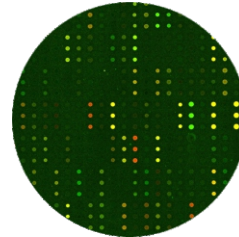
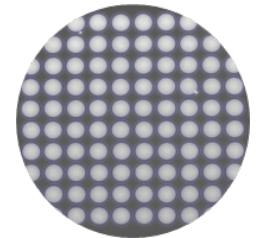
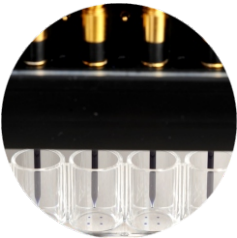
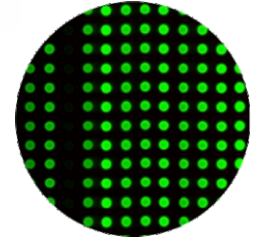
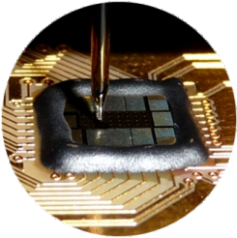
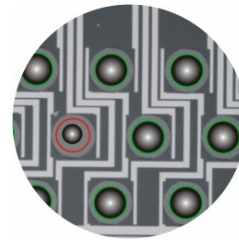


sciSERVICES



Contract Microarray Manufacturing Service

- high quality microarrays for IVD and R&D applications
- printing of various probes as DNA, proteins, glycans, cells and nanoparticles
- large variety of supports as microplates, slides, biosensors and membranes
- fully scalable production capacity using proprietary sciFLEXARRAYER technology
- quick delivery
- advanced in-process QC, 100% array control
- DIN EN ISO 9001: 2008 Quality Management System



Contract Microarray Manufacturing Service

Why Choose SCIENION?

SCIENION is a world-class, one-stop-shop service provider with a more than 10 years history of success and constant growth in the microarray market. At SCIENION, experienced and specialized professionals handle microarray manufacturing on a daily basis.

By application of State of the Art sciFLEXARRAYER technology we achieve the highest quality and consistency of array production. Quality control of 100% of the arrays is guaranteed. We offer the best price/performance ratio and short production cycles from purchase order to shipment. Beyond this we perform fast assay to array transfers. Hence, making use of sciSERVICES saves time and money, and you can focus on your core business.

Full Service Range

- Supply of materials and preparation of source plates
- Microarray printing and processing (immobilization, blocking, washing)
- Quality control of supports, array parameters and array functionality
- Electronic documentation of production process
- Packaging according to customers requirements
- OEM microarray production

Quality Control and Assurance

- DIN EN ISO 9001:2008 Quality Management System
- CE marked instrumentation for high throughput production
- Dust minimized and controlled production environment (HEPA filtered air)
- Advanced in-process QC, 100% automated array control
- Functional QC: Application tests of randomly selected arrays
- QC certificate provided alongside with each batch of arrays

Probes

- DNA, oligonucleotides and PCR products
- Proteins, peptides and antibodies
- Glycans, glycolipids and glycopeptides
- Cells, cell lysates
- Nanoparticles, polymers and monomers

for applications such as immunology, autoimmune diseases, infectious diseases, oncology, food (e.g. allergens) and plant analytics

Supports

- sciPLEXPLATES 96 (8-well strips and single breakable wells)
- Glass and polymer slides
- Membranes for lateral flow devices
- Biosensors and lab-on-a-chip systems
- Customized supports

Array Features

- Superior spot morphology
- High accuracy and reproducibility
- Dispense volumes from 100-800 pL per drop
- CV of drop volumes less than 2%
- Typical spot size: 50-300 µm

Options

- Supports with customized surface functionalization
- inArrayDotCode for individual array labeling
- Optimization of hybridization and incubation protocols
- Miniaturization and multiplexing of ELISA in planar array format (MTP format)



For additional information, quotes and ordering of sciSERVICES, please contact us by email at: support@scienion.de

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