



sciCONSUMABLES

For miniaturization and multiplexing of analytical and diagnostic assays



SCIENION offers innovative, complete and flexible solutions for multiplex assay development as well as optimization for any application in Diagnostics and Life Sciences.





SCIENION's assay development services are offered on a modular work-packages basis to provide customers with an optimal solution for their needs. We work with all typical supports like microplates, biosensors, wafers, slides, lateral flow membranes and microfluidic chips that are made of glass, silicon dioxide, polymers or gold.

INTRODUCTION

SCIENION offers innovative solutions, reagents (sciBUFFERs), microarray slides (sciCHIPs) and microplates (sciPLEXPLATEs) for the development and optimization of miniaturized assays for any application in Diagnostics and Life Science fields. All sciCONSUMABLES are optimized for being used on the sciFLEXARRAYER systems- the best choice for precise ultra-low volume liquid dispensing, but can also be used at other platforms. The SCIENION consumables are manufactured using ultra-pure reagents according to industry standards, guaranteeing that customers receive the highest quality and most reproducible results.

sciCHIPS - SURFACE FUNCTIONALIZED SLIDES FOR MICROARRAY APPLICATIONS

The sciCHIPs are surface functionalized slides available with standard functional coatings for the development of DNA, protein, and glycan microarrays. The surface functionalization creates a degree of hydrophobicity to obtain, in the printing step, spot diameters between 100-200 μ m as used for microarray applications. They are manufactured from high-quality glass in the format of 75.5 x 25.0 x 1.0 mm, that has an ultra-planar surface and low auto-fluorescence. The sciCHIPs can optionally be provided with labels incl. barcode and identification number. Most sciCHIPs are packed under argon to prevent exposure to moisture.

Please find coating suggestions below for specific mi

Product	Probe	Product Description	Benefit
sciCHIP Epoxy (glass slide)	 Oligonucleotides (35 – 70 mere); amino- modi- fied / unmodified, cDNA & PCR - Products Antibodies, Glycans Proteins, Peptides RNA, BACs 	 Epoxy functionalization Ready to use, no activation required Allows covalent binding of probes Optimal accessibility of immobilized probes through directed binding via linker group 	 Excellent surface homogeneity, Superior slide-to-slide reproducibility Excellent spot uniformity and morphology High immobilization efficiency
sciCHIP Amino (glass slide)	 cDNA Plasmids BACs PCR-Products Long Oligonucleotides Cells 	 Amino functionalization Ready to use, no activation required Ionic binding followed by cross-linking in subsequent steps 	 Excellent surface homogeneity Superior slide-to-slide reproducibility Compatible with many spotting buffers Excellent spot uniformity and morphology High immobilization efficiency
sciCHIP Aldehyde (glass slide)	 Amino-modified PCR products and cDNA Amino-modified Oligo- nucleotides (50-70 mere) and BACs Peptides 	 Aldehyde functionalization Ready to use, no activation required Allows covalent binding of probes Optimal accessibility of immobilized probes through directed binding via linker group 	 Excellent surface homogeneity Superior slide-to-slide reproducibility Excellent spot uniformity and morphology High immobilization efficiency
sciCHIP COP (polymer slide)	 Proteins cDNA Oligonucleotides Antibodies 	 For combination with sciPOLY3D No surface functionalization Blank polymer slides with low intrinsic fluorescence 	 Provided with sciPOLY3D Kit enabling immobilization on most polymeric substrates, no need for functional groups on surface or biomolecule

*sciCHIP Hydrophobic H1 Slide and sciCHIP H2 slide are available on request for special applications.

araarray	~ ~ ~ ~	lications*	
croarray	app	incations :	

sciBUFFER: THE IDEAL REAGENT FOR MICROARRAY APPLICATIONS

SCIENION's buffers can be utilized through the whole workflow of array application: like microarray printing, processing, incubation and final staining. The sciSPOT buffer series guarantees the best printing performance and an efficient capture molecule immobilization that is important to obtain a high signal to noise ratio. The printing buffers are optimized to obtain a homogeneous distribution of the capture molecules within the spots and ensure maintaining the bioactivity of the captured probes.

For microarray and assay processing, a series of special buffers are offered, optimized for every single step including blocking, washing and sample incubation.

sciCOLOR buffers are specially designed for colorimetric staining of microarrays using HRP enzyme, producing high contrast signals and minimal background.

All buffers are available individually or as a set to cover the whole workflow.

sciBUFFER DNA: OPTIMIZED TO DNA MICROARRAY APPLICATIONS

The SCIENION buffer system can be used to generate microarrays with amino and non-amino modified DNA samples. sciSPOT-, sciPROCESS-, sciHYB- and sciWASH buffer include microarray reagents for printing and hybridizing long oligonucleotide and cDNA microarrays. They are available individually or as a set to cover all steps of the workflow.

sciBUFFER PROTEINS: OPTIMIZED TO PROTEIN MICROARRAY APPLICATIONS

Proteins are complex molecules with amphiphilic and amphoteric properties, a designated three-dimensional structure and a distinct degree of glycosylation. Depending on their physicochemical properties and in combination with surface properties of the support, specific buffers are required for printing of proteins and antibodies. Additives can be used to maintain the native structure and bioactivity of the proteins and antibodies when dried on the solid phase supports.

All sciBUFFER for protein applications, sciSPOT Protein, sciBLOCK Protein, sciSTAB S3, sciBIND Protein, sciWASH Protein are available individually or as a set to cover all steps of the workflow. The sciMULTIPLEX Box, which contains the whole range of SCIENION's protein related consumables is recommended when starting a new multiplex ELISA development.

sciPLEXPLATE: MICROPLATE OPTIMIZED FOR MICROARRAY APPLICATION



- Surface treated microplates optimized for miniaturized assays in microarray format
- Allows significant cost reduction in diagnostics
- All plate types are compatible with standard labware
- •Best results in protein and DNA immobilization
- Suitable for both, fluorescence and colorimetric detection

Type 1 and Type 2 are offered:

With different binding capacitiesIn 8-well strips format mounted in a frame

PIEZO DISPENSE CAPILLARY (PDC) SELECTION GUIDE

Size of the PDC				PDC 60							PDC 70						PDC 80				PDC 90			PDC 100								
Drop vol	ume of the PDC					22	20-3	00	pl					300-360 pl						360-440 pl				440 -520 pl			520 -600 pl					
Coating of PDC	Probe (print sample contains)	aqueous buffers ***)	DMSO > 50%	DMSO < 50%	DMF > 50%	DMF < 50%	lsopropanol > 50%	lsopropanol < 50%	Acetonitril > 50%	Acetonitril < 50%	Ethanol > 50%	Ethanol < 50%	Glycerol < 10%	aqueous buffers ***)	DMSO < 50%	DMF > 50%	DMF < 50%	lsopropanol < 50 %	Acetonitril > 50%	Acetonitril < 50%	Glycerin < 20%	NMP < 50%	aqueous buffers ***)	DMSO > 50%	Glycerin < 30%	NMP > 50%	NMP < 50%	aqueous buffers ***)	Glycerin < 30%	NMP < 50%	aqueous buffers ***)	
PDC Uncoated	Oligonucleotide, Protein < 2mg/mL	x	-	-	-	-	-	-	-	-	-	-	x	x	-	-	-	-	-	-	x	-	x	-	x	-	-	x	-	-	х	
PDC Coating Type 1	Oligonucleotide	x	-	x	-	x	-	x	-	x	-	x	x	x	x	-	x	x	-	x	x	-	x	-	x	-	-	x	x	-		
PDC Coating Type 2	Protein mixtures (e.g. lysate, allergens etc.), Antibody ****	x	x	x	x	x	x	x	x	x	x	x	x	x	x	-	x	x	-	x	x	x	x	-	x	x	x	x	x	x	x	
PDC Coating Type 3	Protein, Antibody ****	x	-	x	-	x	-	x	-	x	-	x	x	x	x	-	x	x	-	x	x	-	x	-	x	-	-	x	x	-		
PDC Coating Type 4	Protein mixtures (e.g. lysate, allergens etc.), Crude protein, Antibody, SolGel ****	x	x	x	x	x	x	x	x	x	x	x	x	x	x	-	x	x	-	x	x	x	x	-	x	x	x	x	x	×	x	

*³ containing < 50% organic solvent **³ > 50% organic solvent ***³ e.g. PBS, carbonate buffer, SSC ****³ Viscosity up to 5 mPa*s X suitable PDC - not suitable PDC

The Selection Guide can be used to generally select an appropriate PDC, for the sample to be printed - as it shows: The drop size and coating options suitable for a selection of typical samples Typical aqueous buffer systems, e.g. PBS, carbonate buffer, SSC A selection of suitable organic solvents as buffer additives with a content < 50% A selection of suitable organic solvents with a content > 50%

PDC Coating Type 1: Recommended for samples in aqueous solutions or in print buffer containing organic solvent*).

PDC Coating Type 2: Recommended for samples in aqueous solutions, in print buffer containing organic solvents* or in organic solvent**).

PDC Coating Type 3: Recommended for samples in aqueous solutions or in print buffer containing organic solvent*).

PDC Coating Type 4: Recommended for samples in aqueous solutions, in print buffer containing organic solvents^{*)} or in organic solvent^{**)}.

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For specific application requests such as: Complex and highly concentrated protein-, antibody-, or allergene mixtures special buffer additives like detergents (Tween20, SDS etc...), or carbohydrates (trehalose..) and other organic solvents.

please contact: ticket@scienion.com

sciCONSUMABLES Selection Guide	Biomolecule	Support	Print/UV coupled Immobilization process	Printing process	In situ Array Sealing	Blocking process	Hybridization process	Binding process	Wash process	Staining process	Sets - ready to use
<pre>sciPOLY3D wight copy of the set of the</pre>	Oligo /Antibodies /Proteins /Glycans	sciCHIP COP	sciPOLY3D SOLID sciPOLY3D SOL1 sciPOLY3D LIQUID	sciPOLY3D SOL2D1 (DNA) sciPOLY3D SOL2P1 (Protein)						sciCOLOR T3 (black)	sciPOLY3D Protein Starter Kit sciPOLY3D DNA Starter Kit sciMULTIPLEX Box
sciBUFFER for Oligos $\downarrow \downarrow $	DNA, Oligonucle- otides	sciCHIP Epoxy sciCHIP Amino sciCHIP Aldehyd		sciSPOT Oligo B1 sciSPOT Oligo B2		sciPROCESS -Oligo sciPROCESS -OligoM1	sciHYB M1		sciWASH I DNA sciWASH II DNA sciWASH III DNA	sciCOLOR T3 (black)	sciBUFFER SET Oligo M1 sciMULTIPLEX Box
sciBUFFER for ProteinsImage: colspan="2">Image: colspan="2">Image: colspan="2">Image: colspan="2">Image: colspan="2">Image: colspan="2">Image: colspan="2">Image: colspan="2">Image: colspan="2" Image: colspan="2" Im	Peptides /Proteins /Antibodies	sciCHIP Epoxy sciPLEXPLATE Type 1 & Type 2 sciPLEXPLATE 96 SOLID Black		sciSPOT Protein D1 sciSPOT Protein D3 sciSPOT Protein D11	sciSTAB S3 (as print buffer additive)	sciBLOCK Protein D1 sciBLOCK Protein D1M		sciBIND Protein D1	sciWASH Protein D1	sciCOLOR T3 (black)	sciBUFFER SET Protein D1M sciBUFFER SET Protein D1 sciMULTIPLEX Box

(1) functionalized and non functionalized

sciMULTIPLEX BOX, SET OF REAGENTS FOR ELISA'S MINIATURIZATION AND MULTIPLEXING

The sciMULTIPLEX Box provides all relevant reagents enabling the transfer of traditional ELISA assays to a miniaturized multiplex ELISA format. Miniaturized assays in the array format allow a significant saving of assays materials while maintaining the sensitivity of the assays.

A) Traditional ELISA: Detection of one analyte per well, with positive and negative controls in separate wells.B) Multiplex ELISA: Multiple analytes can be detected in parallel with all controls included in the same well.

The sciMULTIPLEX system contains selected consumables to facilitate transfer of multiple traditional single-plex immunoassays to one multiplex immunoassay.

Workflow. Schematic depiction of two typical ELISA formats.

A Sandwich ELISA where an antigen is the analyte, and an antibody is used as capture probe. **B** If a certain species of antibodies is the analyte of interest, the corresponding antigen is used as capture probe. In this example, the detection antibody is conjugated with an enzyme (HRP)



sciPOLY3D - REAGENT FOR PROBE IMMOBILIZATION ON UNMODIFIED POLYMERS SUPPORTS

With the sciPOLY3D product line, all polymers (supports: COP, PMMA, COC, PP, PS) can directly be functionalized with biomolecules without pre-functionalization of support materials. The whole process of microarray production is reduced to a printing step and a short (~2 min) UV irradiation, which can easily be integrated in a high throughput production line. It is suitable for array applications on microfluidic devices, slides, and microtiter plates (MTP).

sciPOLY3D enables covalent immobilization on protein-repellent surfaces, which reduces background and makes blocking obsolete. sciPOLY3D is water-soluble and can thus be dispensed together with e.g. proteins or DNA probes.

sciPOLY3D is cost-efficient, convenient, and less time-consuming compared to standard functionalization and is optimized for DNA, protein, and glycan applications.

sciSTAB AND sciCOLOR - ASSAY REAGENTS FOR MINIATURIZED ASSAY APPLICATIONS

sciCOLOR is a substrate for colorimetric staining assays using HRP enzyme, producing high contrast signals minimizing background. sciSTAB is a carbohydrate-based reagent for increasing shelf life of printed antibody and protein arrays.

PRODUCT OVERVIEW

C-5110	sciTIPCLEANER For gentle cleaning of the PDC tip
C-5112	sciTIPCLEANING TISSUES Fuzz-free tissues for cleaning PDCs
C-5120	sciFLUSH Kit For location of clogging in the liquid path and for declogging of PDC.
C-5283	sciCLEAN 8, 3 x 1.5 mL Wash solution containing detergent for application of protein and oligonucleotides printing.
C-5284	sciCLEANUP Kit Set of products for optimal washing and cleaning of PDC, sciCLEAN 8 1 x 1,5 ml sciTIPCLEANER, incl. 5 fuzz-free tissues sciFLUSH Kit
C-5291	sciCLEAN 9, 1 ml Wash solution containing organic solvent for conditioning of PDC. PDC = Piezodispensing Capillaries made of glass for printing of sub-nanoliter volumes.
sciCHIPs	
CSC-5310-25	sciCHIP Epoxy, w/o barcode 25x Glass slides with epoxy surface for microarray application
CSC-5310-5	sciCHIP Epoxy, w/o barcode 5x Glass slides with epoxy surface for microarray application
CSC-5311-25	sciCHIP Epoxy, with barcode 25x Glass slides with epoxy surface for microarray application
CSC-5311-5	sciCHIP Epoxy, with barcode 5x Glass slides with epoxy surface for microarray application
CSC-5320-25	sciCHIP H2, 25x Hydrophobic glass slides for sciFLEXARRAYER performance test; (FAT/SAT)
CSC-5320-5	sciCHIP H2, 5x Hydrophobic glass slides for sciFLEXARRAYER performance test; (FAT/SAT)
CSC-5325-25	sciCHIP Hydrophobic H1, 25x Hydrophobic Glass slides coated with fluorinated carbohydrate
CSC-5325-5	sciCHIP Hydrophobic H1, 5x Hydrophobic Glass slides coated with fluorinated carbohydrate
CSC-5330-25	sciCHIP Amino, w/o barcode 25x Glass slides with amino surface for microarray application
CSC-5331-25	sciCHIP Amino, with barcode 25x Glass slides with amino surface for microarray application
CSC-5340-25	sciCHIP Aldehyde, w/o barcode 25x Glass slides with aldehyde surface for microarray application
CSC-5341-25	sciCHIP Aldehyde, with barcode 25x Glass slides with aldehyde surface for microarray applications
CSP-5312-25	sciCHIP COP, 25x Blank polymer slides with low intrinsic fluorescence
CSP-5312-5	sciCHIP COP, 5x Blank polymer slides with low intrinsic fluorescence
sciBUFFER F	Protein
	sciBLIFFERSET Protein D1
CBP-5430	Set contains: sciSPOT Protein D1, 25 mL 2x conc. sciWASH Protein D1, 0.5 L, 8x conc.

CDF-3430	sciWASH Protein D1, 0.5 L, 8x conc. sciBLOCK Protein D1, 0.5 L 5x conc. sciBIND Protein D1, 1.6 mL 2x conc.	CP-5802-10	sciPOLY3D SOLID, 10 mg Polymer for 1-step printing Immobilization on non modified substrates			
CBP-5431-25	sciSPOT Protein D1, 25 mL 2x conc. PBS based print buffer		Requires ordering of sciPOLY3D SOL1			
CBP-5432-500 sciWASH Protein D1, 0.5 L, 8x conc.		CP-5803-0.5	Polymer for 1-step printing Immobilization on			
CBP-5433-500	sciBLOCK Protein D1, 0.5 L 5x conc.		sciPOLY3D SOL1 50 ml			
CBP-5434-1.6	sciBIND Protein D1, 1.6 mL 2x conc.	CP-5804-50	Solution buffer for sciPOLY3D SOLID 100 mg			

sciBUFFER Protein								
CBP-5434-50	sciBIND Protein D1, 50 mL 2x conc.							
CBP-5435-25	sciSPOT Protein D11, 25 mL 2x conc. PBS based print buffer containing additive to slow down drying of spots							
CBP-5436-25	sciSPOT Protein D12, 25 mL 2x conc. PBS based print buffer containing stabilizing additive							
CBP-5437-250	sciWASH Protein D1M, 0.25 L, 5x conc.							
CBP-5438-100	sciBLOCK Protein D1M, 0.1 L 1x conc.							
CBP-5439-25	sciSPOT Protein D2, 25 ml, 2x conc. Phosphate based print buffer							
CBP-5440	sciBUFFERSET Protein D1M for 5 sciPLEXPLATEs Set contains: sciSPOT Protein D1. 25 mL 2x conc.							

CBP-5440	sciSPOT Protein D1, 25 mL 2x conc. sciWASH Protein D1M, 0.25 L, 5x conc. sciBLOCK Protein D1M, 0.1 L 1x conc. sciBIND Protein D1, 50 mL 2x conc.
CBP-5441-25	sciSPOT Protein D3, 25 ml, 2x conc. TRIS based print buffer
CBP-5442-25	sciSPOT Protein D4, 25 ml, 2x conc. Carbonate based print buffer

sciBUFFER Oligo

CBD-5413-500	sciWASH I DNA, 500 mL 5x conc.
CBD-5414-500	sciWASH II DNA, 500 mL 5x conc.
CBD-5415-500	sciWASH III DNA, 500 mL 5x conc.
CBD-5418-50	sciSPOT Oligo B2, 50 mL 2x conc. Phosphate based print buffer for sciPLEXPLATE Type 1
CBD-5419-50	sciHYB M1, 50 mL1x conc.
CBD-5421-50	sciSPOT Oligo B1, 50 mL 2x conc. SSC based print buffer
CBD-5426-500	sciPROCESS-Oligo, 500 mL 2 x conc
CBD-5427-100	sciPROCESS-OligoM1, 100 mL 5x conc.
CBD-5450	sciBUFFERSET Oligo M1 For 5 sciPLEXPLATEs Set contains: 1x sciSPOT Oligo B2; 50 mL 2x conc. 1x sciPROCESS-Oligo M1; 100 mL 5 x conc 1x sciHYB M1; 50 mL 1 x conc.

Multiplex Assay Related Products

CD-5601-2	sciSTAB S3, 2 mL 5x conc. Stabilizer as additive for printing buffer for long term stability of antibody and protein arrays
CD-5602	sciMULTIPLEX Box Set contains: 2x sciSOURCEPLATE 384 PP 2x sciPLEXPLATE Type 1 2x sciPLEXPLATE Type 2 2x sciPLEXPLATE 96 SOLID Black sciSPOT Protein D1 (5 mL, 2x conc.) sciSPOT Protein D2 (5 mL, 2x conc.) sciSPOT Protein D4 (5 mL, 2x conc.) sciSPOT Protein D4 (5 mL, 2x conc.) sciSLOCK Protein D1M (100 mL, ready-to-use) 2x sciWASH Protein D1 (75 mL, 8x conc.) sciCOLOR T3 (50 mL, ready-to-use)
CD-5603-250	sciColor T3, 250 mL Substrate for colorimetric blackstaining of microarrays

sciPOLY3D products

sciPOLY3D pr	roducts		sciSTARTER							
CP-5805-1	sciPOLY3D SOL Spotting buffer	2D1, 1 mL 2x conc. for sciPOLY3D with DNA	C-5054-1.5							
CP-5805-100	sciPOLY3D SOL Spotting buffer	sciPOLY3D SOL2D1, 100 mL, 2x conc. Spotting buffer for sciPOLY3D with DNA								
CP-5806-1	sciPOLY3D SOL Spotting buffer	2P1, 1 mL 2x conc. for sciPOLY3D with proteins								
CP-5806-100	sciPOLY3D SOL Spotting buffer	2P1, 100 mIL 2x conc. for sciPOLY3D with proteins	sciMICROPL							
CP-5807	sciPOLY3D Prot Kit contains: sciPOLY3D LIQU sciPOLY3D SOL	ein Starter Kit JID, 0.2 mL, 5x conc. 2P1, 1 mL, 2x conc.	CPG-5501-1 CPG-5502-1							
CP-5808	sciPOLY3D DNA Kit contains: sciPOLY3D LIQU sciPOLY3D SOL	Starter Kit JID, 0.2 mL, 5x conc. 2D1, 1 mL, 2x conc.	CPH-5511-10							
sciSTARTERK	sciCHIP COP, 5x		CPH-5511-100							
C-5011	sciSTARTERKIT: 1x CSE-5310 1x C-5283 1x C-5110 1x CPG-5501 1x CPH-5510	sciCHIP Epoxy, w/o barcode 5x sciCLEAN8, 3 x 1.5 sciTIPCLEANER sciSOURCEPLATE 384 PS sciPLEXPLATE Type 1	CPH-5511-100							
	1x CPH-5520 1x C-5120 1x C-5131 1x C-5040	sciPLEXPLATE Type 2 sciFLUSH Kit System Liquid Filtration Device Kimwipes Precision	CPH-5521-10							
C-5051	sciSAT Kit S3 2x C-5054 25x C-5320 1x CPG-5501	sciFAT/SAT Solution sciCHIP H2 sciSOURCEPLATE 384 PS	CPH-5521-100							
C-5052	sciSAT Kit S11 1x C-5054 2 x 25 C-5320 1x CPG-5501	sciFAT/SAT Solution sciCHIP H2 sciSOURCEPLATE 384 PS								
C-5053	sciSAT Kit SX 4x C-5054 75x C-5320	sciFAT/SAT Solution sciCHIP H2	CPH-5521-100							
	75x 1x CPG-5501	sciSPACERSLIDE sciSOURCEPLATE 384 PS	CPH-5551-10							

RKIT

-5054-1.5	sci FAT/SAT Solution 1.5 mL Solution for testing of the print quality of sciFLEXARRAYER
-5055	sciSAT Kit S12 1x C-5054 sciFAT/SAT Solution 3 x 25 C-5320 sciCHIP H2 1x CPG-5501 sciSOURCEPLATE 384 PS

PLATEs sciSOURCEPLATE 384 PS 384-Well Low Profile Microplate, polystyrene, round well, V-bottom, with cover (Genetix) sciSOURCEPLATE 384 PP 384-Well Microplate, PCR, polypropylene, (ABgene) sciPLEXPLATE 96 Type 1 12 x 8 Well Strips per Plate, transparent, round well shape, superflat bottom, hydrophilic surface, Plate for DNA, Protein Microarrays and Multiplex ELISA; 10 pieces in a bag sciPLEXPLATE 96 Type 1 12 x 8 Well Strips per Plate, transparent, round well 00 shape, superflat bottom, hydrophilic surface; Plate for DNA, Protein Microarrays & Multiplex ELISA, box with 10 bags of 10 pieces each sciPLEXPLATE 96 Type 1 12 x 8 Well Strips per Plate, transparent, round well 000 shape, superflat bottom, hydrophilic surface; Plate for DNA, Protein Microarrays and Multiplex ELISA, 10 boxes with 10 bags of 10 pieces each sciPLEXPLATE 96 Type 2 12 x 8 Well Strips per Plate, transparent, round well shape, superflat bottom, medium hydrophilic surface; Plate for Protein Microarrays and Multiplex ELISA; 10 pieces in a bag sciPLEXPLATE 96 Type 2 12 x 8 Well Strips per Plate, transparent, round well 00 shape, superflat bottom, medium hydrophilic surface; Plate for Protein Microarrays and Multiplex ELISA box with 10 bags of 10 pieces each sciPLEXPLATE 96 Type 2 12 x 8 Well Strips per Plate, transparent, round well 000 shape, superflat bottom, medium hydrophilic surface,

Plate for Protein Microarrays and Multiplex ELISA 10 boxes with 10 bags of 10 pieces each sciPLEXPLATE 96 Solid Type 1 black wall Plate for fluorescence applications. 96 well round well

shape, black, superflat bottom, hydrophilic surface 10 pieces in a baa



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SCIENION is a full solution provider for diagnostic test development and manufacturing. SCIENION is certified according to ISO 9001:2015





With over 20 years experience in designing miniaturized assays, dispensing techniques, and detection methods, SCIENION combines all competencies you need to turn your assay ideas into viable products.

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