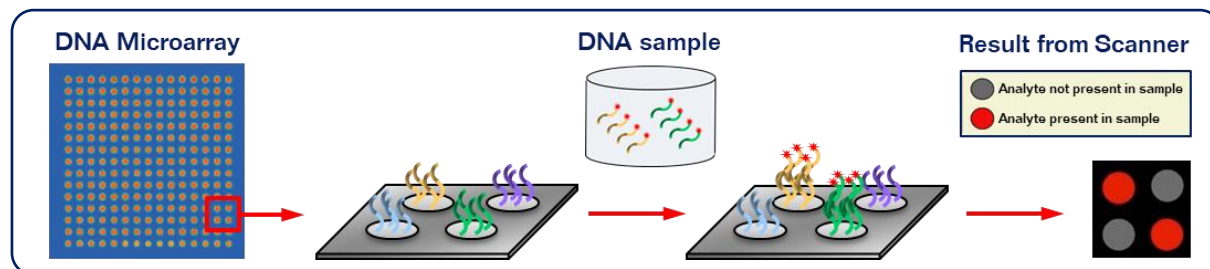
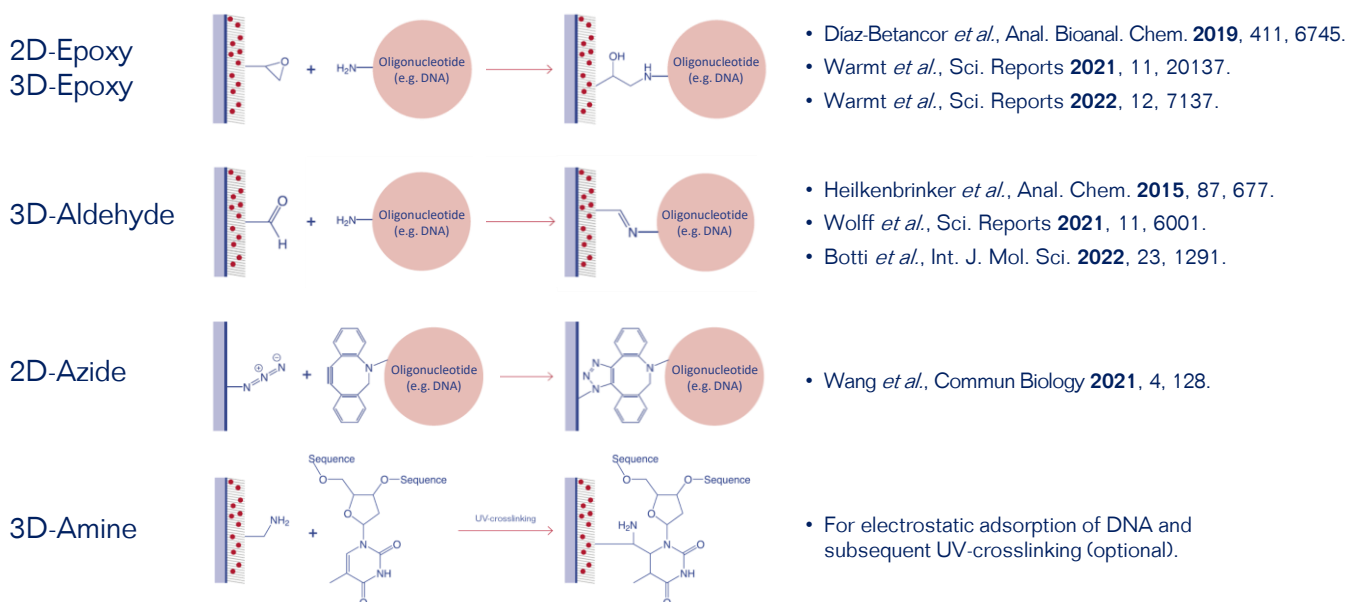


Most commonly used Surfaces

DNA Microarrays are two-dimensional arrays of DNA capture strands printed onto a solid substrate used to assay a large number of DNA variants within a sample for multiplexed high-throughput screening:



PolyAn's Functionalized Surfaces for DNA Microarrays



Products list

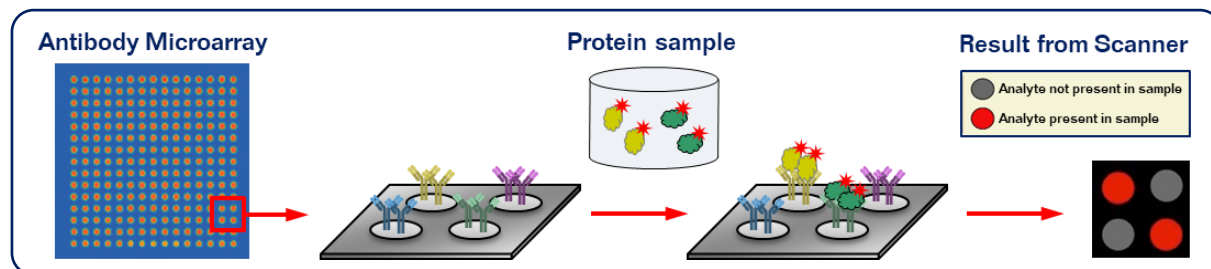
	Glass Slides	Coverslips	Glass Sheets	Polymer Slides	Glass Bottom Plates
Dimensions	25 x 75 x 1 mm	25 x 60 x 0.17 mm	74 x 110 x 1 mm	25 x 75 x 1 mm	1 mm, 96/384 well
2D-Epoxy	104 00 225	104 00 226	104 00 228	---	00 700 221
3D-Epoxy	104 00 205	104 00 206	104 00 208	104 00 255	00 700 251
3D-Aldehyde	104 00 305	104 00 306	upon request	104 00 355	00 700 301
2D-Azide	104 00 625	104 00 626	upon request	---	upon request
3D-Amine	104 00 005	104 00 006	upon request	104 00 051	00 700 001

Other reactive surfaces, other substrate materials/dimensions, and surface test packages for DNA/RNA immobilization (104 00 910: 2D-Epoxy/3D-Epoxy/3D-NHS, 104 00 915: 2D-Azide/Streptavidin/3D-Maleimide) are also available.

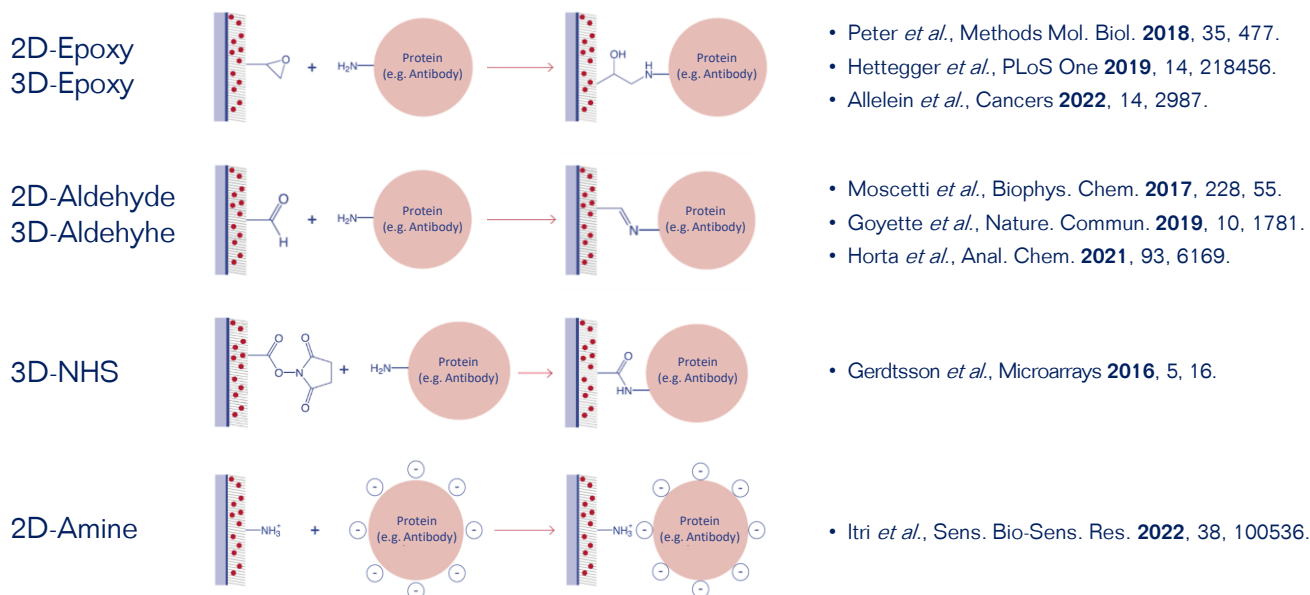


Most commonly used Surfaces

Protein Microarrays are two-dimensional arrays of protein capture moieties (e.g. antibodies) printed onto a solid substrate used to assay a large number of analytes (e.g. antigens) within a sample:



PolyAn's Functionalized Surfaces for Protein Microarrays



Products list

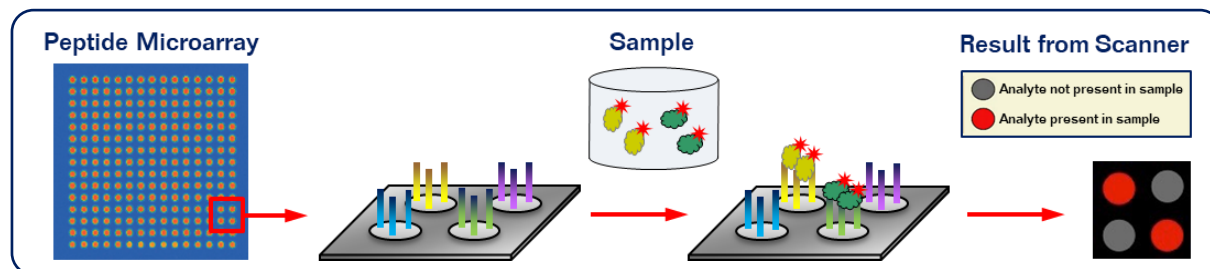
	Glass Slides	Coverslips	Glass Sheets	Polymer Slides	Glass Bottom Plates
Dimensions	25 x 75 x 1 mm	25 x 60 x 0.17 mm	74 x 110 x 1 mm	25 x 75 x 1 mm	1 mm, 96/384 well
2D-Epoxy	104 00 225	104 00 226	104 00 228	---	00 700 221
3D-Epoxy	104 00 205	104 00 206	104 00 208	104 00 255	00 700 251
3D-Aldehyde	104 00 305	104 00 306	upon request	104 00 355	00 700 301
3D-NHS	104 00 405	104 00 407	104 00 408	104 00 455	00 700 451
2D-Amine	104 00 025	104 00 026	104 00 027	---	00 700 021

Other reactive surfaces, other substrate materials/dimensions, and surface test packages for protein immobilization (104 00 950: 2D-Epoxy/2D-Aldehyde/3D-NHS, 104 00 927: 3D-Epoxy/3D-Aldehyde/3D-NHS) are also available.



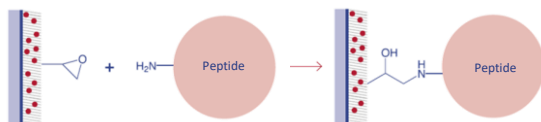
Most commonly used Surfaces

Peptide Microarrays are two-dimensional arrays of peptides printed onto a solid substrate used to assay a large number of analytes within a sample for multiplexed high-throughput screening:



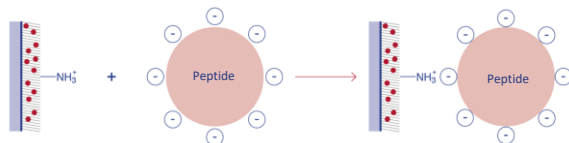
PolyAn's Functionalized Surfaces for Peptide Microarrays

2D-Epoxy
3D-Epoxy

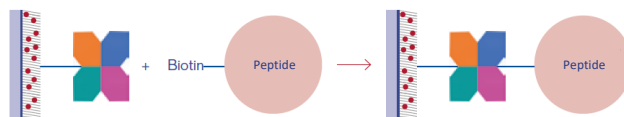


- Stephenson *et al.*, J. Immunol. Meth. **2015**, 416, 105.
- Phillips *et al.*, Clin. Vacc. Immun. **2017**, 24, 00231-17.
- Wen *et al.*, PLoS One **2018**, 13, 194266.
- Schiffner *et al.*, PLoS Pathogens **2018**, 14, 1006986.
- Schneider *et al.*, J. Virol. **2020**, 94, 01246-19.
- Gorini *et al.*, PLoS Pathogens **2020**, 16, 1008377.
- Shen *et al.*, Sci. Reports **2020**, 10, 2093.
- Saunde *et al.*, npj Vaccines **2021**, 6, 50.
- Cai *et al.*, PLoS Pathogens **2021**, 17, 1009624.

3D-Amine



Streptavidin/
Neutravidin



- Striffler *et al.*, Chem. Nano. Mat., **2016**, 2, 897.
- Hsu *et al.*, Cell Discovery **2018**, 4, 28.

Products list

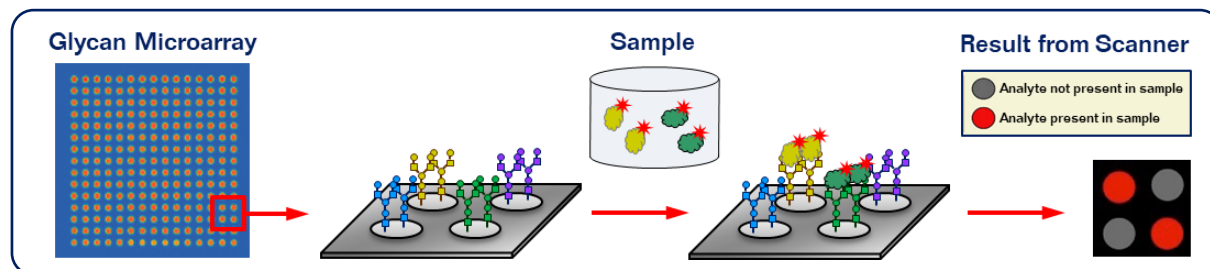
Products list	Glass Slides	Coverslips	Glass Sheets	Polymer Slides	Glass Bottom Plates
Dimensions	25 x 75 x 1 mm	25 x 60 x 0.17 mm	74 x 110 x 1 mm	25 x 75 x 1 mm	1 mm, 96/384 well
2D-Epoxy	104 00 225	104 00 226	104 00 228	---	00 700 221
3D-Epoxy	104 00 205	104 00 206	104 00 208	104 00 255	00 700 251
3D-Amine	104 00 005	104 00 006	upon request	104 00 051	00 700 001
Streptavidin	104 02 201	104 02 206	upon request	104 02 251	upon request
Neutravidin	104 03 201	104 03 206	upon request	104 03 251	upon request

Other reactive surfaces, other substrate materials/dimensions, and surface test packages for peptide immobilization (104 00 930: 2D-Epoxy/3D-Epoxy/3D-Amine, 104 00 915: 2D-Azide/Streptavidin/3D-Maleimide) are also available.



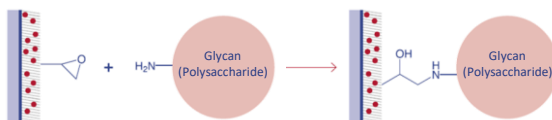
Most commonly used Surfaces

Glycan Microarrays are two-dimensional arrays of glycan moieties printed onto a solid substrate used to assay a large number of analytes within a sample for multiplexed high-throughput screening:



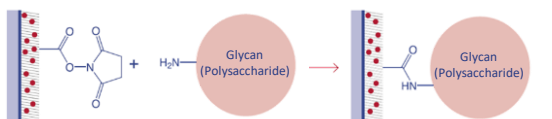
PolyAn's Functionalized Surfaces for Glycan Microarrays

2D-Epoxy
3D-Epoxy



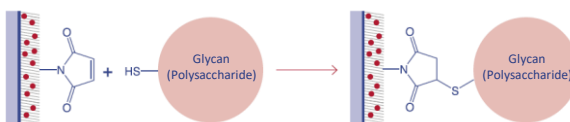
- Ben-Arye *et al.*, J. Vis. Exp. **2017**, 125, 56094.
- Shanthamurthy *et al.*, J. Med. Chem. **2021**, 64, 3367.
- Noy-Porat *et al.*, iScience **2021**, 24, 102479.

3D-NHS



- Ruprecht *et al.*, Carbohydrate Res. **2019**, 481, 31.
- Ji *et al.*, Chem. Biol. **2021**, 16, 1951.
- Siddiqui *et al.*, PNAS **2021**, 118, 2018090118.
- Khan *et al.*, J. Biol. Chem. **2022**, 298, 101900.
- Sasmal *et al.*, Glycobiology, **2022**, 32, 1101.

3D-Maleimide



- Broecker *et al.*, Methods Mol. Biol. **2017**, 1518, 227.
- Mende *et al.*, Faraday Discuss. **2019**, 219, 9.
- Malik *et al.*, Chem. Biol. **2020**, 15, 171.

Products list

Products list	Glass Slides	Coverslips	Glass Sheets	Polymer Slides	Glass Bottom Plates
Dimensions	25 x 75 x 1 mm	25 x 60 x 0.17 mm	74 x 110 x 1 mm	25 x 75 x 1 mm	1 mm, 96/384 well
2D-Epoxy	104 00 225	104 00 226	104 00 228	---	00 700 221
3D-Epoxy	104 00 205	104 00 206	104 00 208	104 00 255	00 700 251
3D-NHS	104 00 405	104 00 407	104 00 408	104 00 455	00 700 451
3D-Maleimide	104 00 445	104 00 446	---	104 01 445	---

Other reactive surfaces, other substrate materials/dimensions, and surface test packages for glycan immobilization (104 00 910: 2D-Epoxy/3D-Epoxy/3D-NHS, 104 00 915: 2D-Azide/Streptavidin/3D-Maleimide) are also available.

