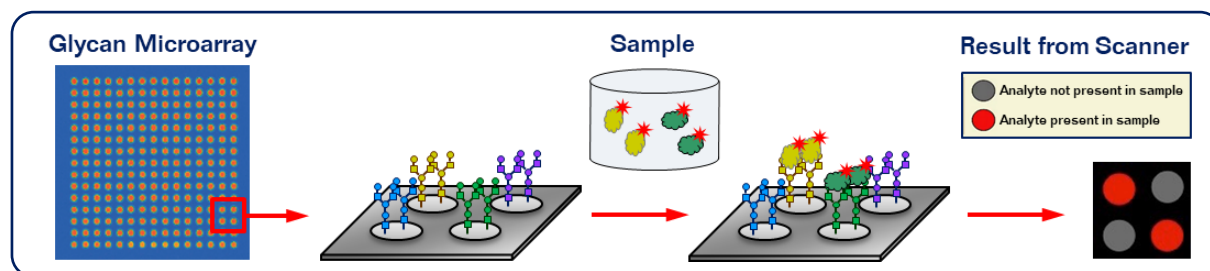


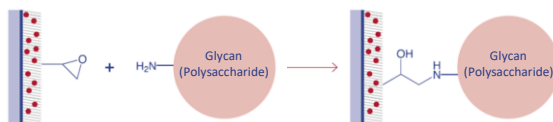
Most commonly used Surfaces

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:



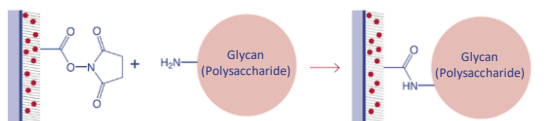
PolyAn's Functionalized Surfaces for Glycan Microarrays

2D-Epoxy
3D-Epoxy



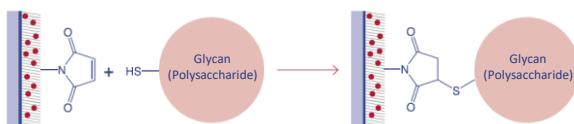
- Ben-Arye *et al.*, J. Vis. Exp. **2017**, 125, 56094.
- Shanthamurthy *et al.*, J. Med. Chem. **2021**, 64, 3367.
- Noy-Porat *et al.*, iScience **2021**, 24, 102479.

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.