

SPECIFICATION SHEET

Product description

- Aldehyde microarray substrate

Slide specifications

- Usage: ready-to-use
- Raw material: extra-white microscope glass
- Dimensions (mm):
 - length: 76,0±1,0
 - width: 26,0±1,0
 - thickness: 1,0±0,05
- Immobilization capacity: $>0,5 \times 10^{-18}$ mol/ μm^2
- Low intrinsic fluorescence
- Low background noise

Purpose

- To immobilize amino-modified oligos and cDNAs, proteins

Technical details

- Substrates are designed to provide high quality immobilizing surface, ensuring DNA retention with uniform spot size and morphology
- Slides are compatible with most buffers advocated for commercial aldehyde slides

Quality control

- Includes determination of contact angle and background fluorescence measurement

Storage and handling

- Can be stored at least 3 months at room temperature in its original packaging
- After unsealing use within 1 week
- Keep in dust-free environment
- Avoid direct contact with slide surface