

## SPECIFICATION SHEET

### Product description

- Aminosilane microarray substrate

### Slide specification

- 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: **500-600×10<sup>-15</sup> mol/μm<sup>2</sup>**
- Low intrinsic fluorescence
- Low background noise

### Purpose

- To immobilize long-size DNA (more than 200 bp in length)

### 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 aminosilane-coated slides

### Quality control

- Includes determination of water contact angle and background fluorescence measurement

### Storage and handling

- Can be stored at least 3 months at room temperature in its original package
- After unsealing use within 2 weeks
- Keep in dust-free environment
- Avoid direct contact with slide surface