

Specification sheet

Product description

- Aminosilane microarray substrate

Slide specification

- Usage: ready-to-use
- Raw material: extrawhite microscope glass
- Dimensions (mm):
 - length: $76,0 \pm 1,0$
 - width: $26,0 \pm 1,0$
 - thickness: $1,0 \pm 0,05$
- Immobilization capacity: $500-600 \times 10^{-15}$ mol/ μm^2
- Low intrinsic fluorescence and 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