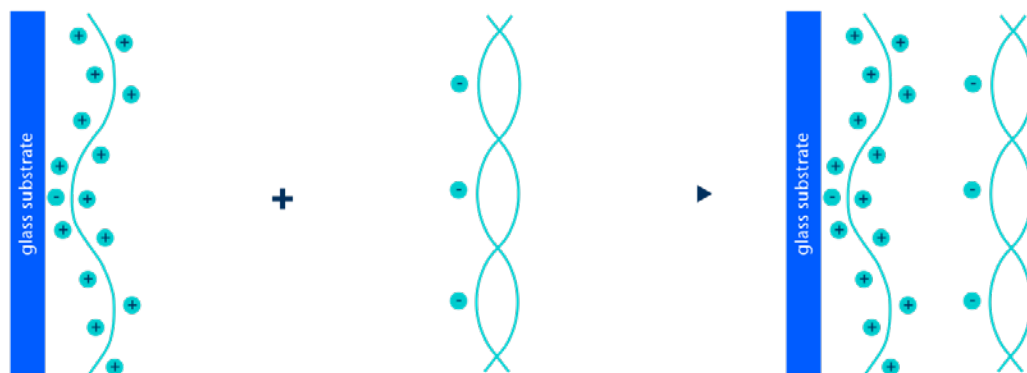


SCHOTT NEXTERION[®] Poly-L-Lysine Coating (PLL)

The NEXTERION[®] Poly-L-Lysine surface enhances cell attachment and adhesion of biomolecules to our glass surface using ionic interactions. This coating is based on long chains of positively charged L-Lysin polymers.

Produced in ISO class 5 clean room conditions using a standardized process and running a stringent quality control system, Poly-L-Lysine coated substrates are available in standard and custom formats.

Coating Chemistry:



Shelf Life:

Six months in sealed original packaging at room temperature.

Immobilization Method:

Ionic interactions

Probe Types:

- BACs, PACs, YACs
- Oligonucleotides ≥ 40 mers
- cDNA
- PCR products



Material:

- High-quality borosilicate glass or polymer
- Alternative substrate materials can be offered

Formats:

- Standard sizes (slide format)
- Customized dimensions and thicknesses

Structuring:

- Pre-scoring
- Hydrophobic coating for multiplexing

Markings:

- Barcodes (1-D e.g. code 128, data matrix)
- Logos
- Position markings and fiducials

Quality:

- Proprietary thin-film deposition process optimized by SCHOTT
- Excellent intra- and inter-lot reproducibility
- Physical and functional quality control
- ISO class 5 clean room production
- Relevant processes in place for diagnostic company needs

Supply Forms:

Product	Size (mm)	Thickness (mm)	Pieces per pack
Slide PLL	75.6 x 25.0	1.0	25
Customized PLL	Variable	0.1 – 2.5	Variable



schott.com/coatings

