

SPR Affinity Sensor

High Capacity Amine

- + Designed for interaction analysis in Bruker Daltonics SPR systems
- + High surface capacity for immobilizing a wide range of ligands from small molecules to proteins, nucleic acids and carbohydrates
- + Low non-specific binding and high sensor-to-sensor reproducibility

Product Description

Order code: 0402-01

Content: 3x High Capacity Amine Sensors

Storage: Kept at 2°C to 8°C in unopened pouch

Compatible instruments: All Bruker Daltonics SPR systems

Glass prism with a gold coated top surface that has a dextran matrix with a high degree of carboxylation covalently attached to it

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Preparation for Use

1. Wait 15-30 min until the sealed sensor pouch reaches room temperature
2. Prepare the SPR system with running buffer
3. Tear open the sensor pouch and carefully remove the sensor cartridge from the casing
4. Dock the sensor cartridge according to the instrument handbook

Ligand Immobilization

The following functional groups can be coupled to the carboxylated dextran matrix according to well established procedures: -NH₂, -SH, -CHO