

## SPR Affinity Sensor

### Biotin Tag Capture

- + Designed for interaction analysis in Bruker Daltonics SPR systems
- + High affinity capture of biotinylated ligands such as peptides, proteins and nucleic acids
- + High sensor-to-sensor reproducibility

### Product Description

**Order code:** 0403-01

**Content:** 3x Biotin Tag Capture 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 carboxymethylated dextran matrix pre-immobilized with streptavidin 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

Biotinylated ligands are immobilized on the sensor by non-covalent binding to streptavidin. Ligands usually bind rapidly and equilibrium is achieved with short contact times.