

# STREP-TAG® TECHNOLOGY FOR HIGH-THROUGHPUT APPLICATIONS

## Key features:

- › **Cost-effective:** reusable reagents
- › **Time efficient:** no system switch necessary
- › **Easy and simple procedures:** one-step purification

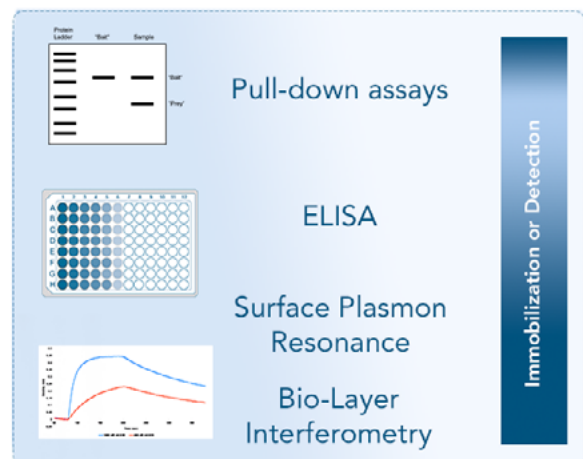
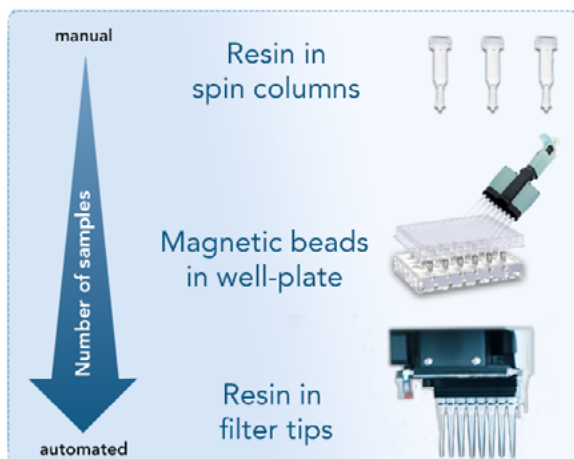


## One affinity tag for:

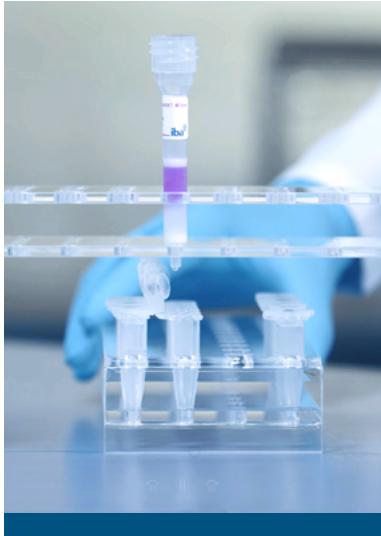
Purification

&

Analysis



## PROTEIN PURIFICATION



### Products

Protein purification via **affinity chromatography** for Twin-Strep-tag® or Strep-tag®II fusion proteins

Various sizes and formats: **resins, spin columns, magnetic beads**

Customer specific experimental design

## PROTEIN ANALYSIS

### Products

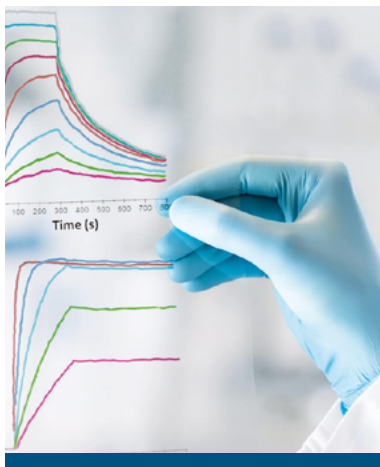
High-affinity immobilization of Twin-Strep-tag® and Strep-tag®II proteins

Applications: **BLI, ELISA, SPR, assays**

**Ready-to-use microplates** coated with Strep-Tactin®XT for assays



## BIOMOLECULAR INTERACTION ANALYSIS



### Products

**Bio-Layer Interferometry (BLI) or Surface Plasmon Resonance (SPR)**

**Reversible capture and analysis** of Twin-Strep-tag® fusion proteins with Strep-Tactin®XT

Biosensors can be easily regenerated and reused

## PROTEIN PURIFICATION

The Strep-tag® system enables cloning, expression, detection, purification, as well as further analysis of recombinant proteins. The highly specific interaction of the Strep-tag®II with Strep-Tactin® ensures efficient one-step purification of the protein of interest in unparalleled purity even from crude cell lysates.



Product number	Product name	Content
2-5151-000	Strep-Tactin®XT 4Flow® high capacity spin column kit	1 kit
2-5030-002	Strep-Tactin®XT 4Flow® suspension	4 ml
2-5030-010	Strep-Tactin®XT 4Flow® suspension	20 ml
2-5030-025	Strep-Tactin®XT 4Flow® suspension	50 ml
2-4090-002	MagStrep "type3" XT beads	2 ml
2-4090-010	MagStrep "type3" XT beads	10 ml

## PROTEIN ANALYSIS

Due to the outstanding high affinity of the Twin-Strep-tag® to Strep-Tactin®XT (pM range), Strep-Tactin®XT is very well suited for biomolecular interaction analysis techniques such as Surface Plasmon Resonance (SPR) or Biolayer interferometry (BLI).



Product number	Product name
2-4370-000	Twin-Strep-tag® capture kit (for SPR)
2-4370-010	Twin-Strep-tag® capture kit, maxi (for SPR)
2-4380-000	Strep-Tactin® XT BLI coupling kit for coating of biosensors
2-4101-001	Strep-Tactin®XT coated microplate