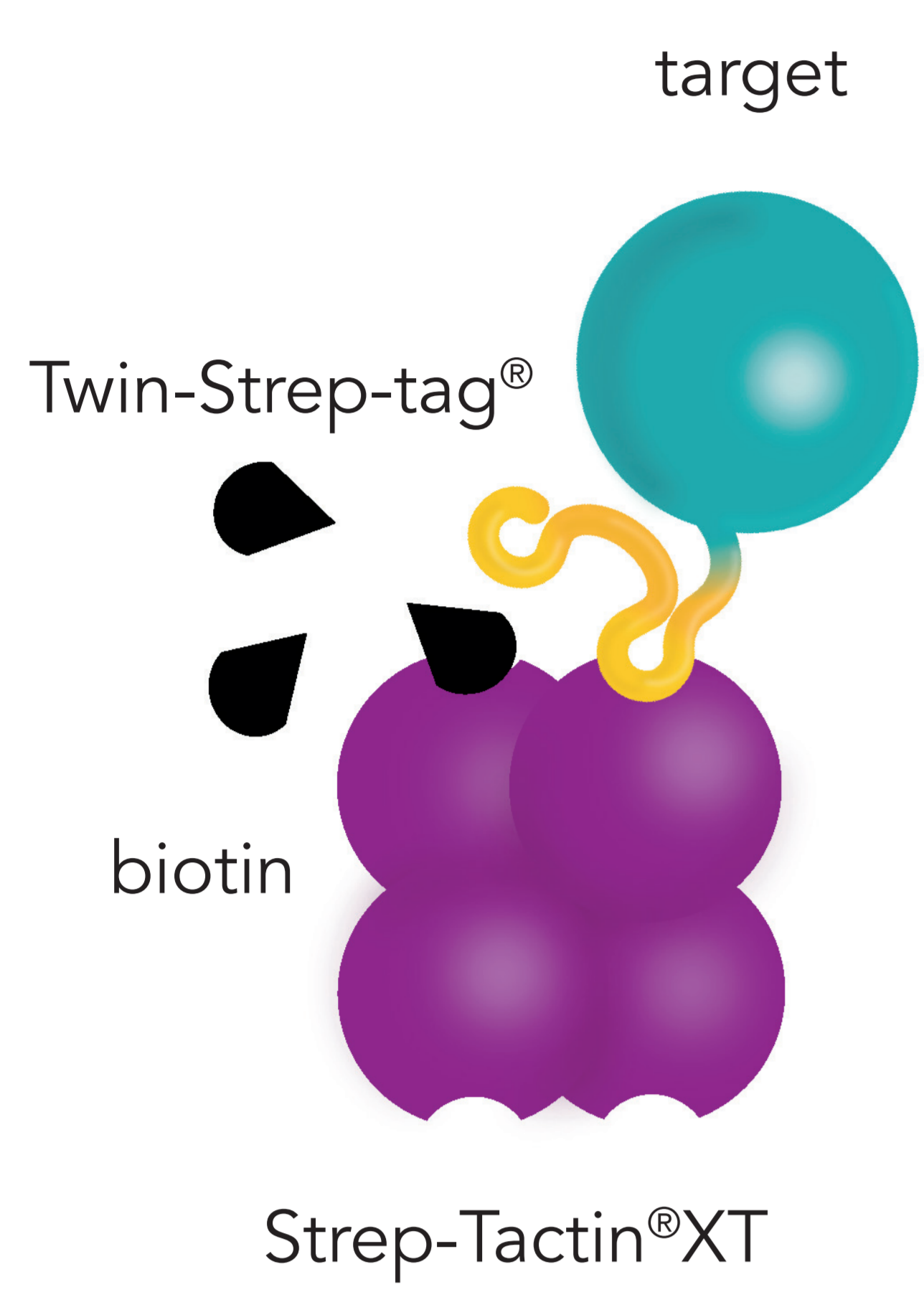
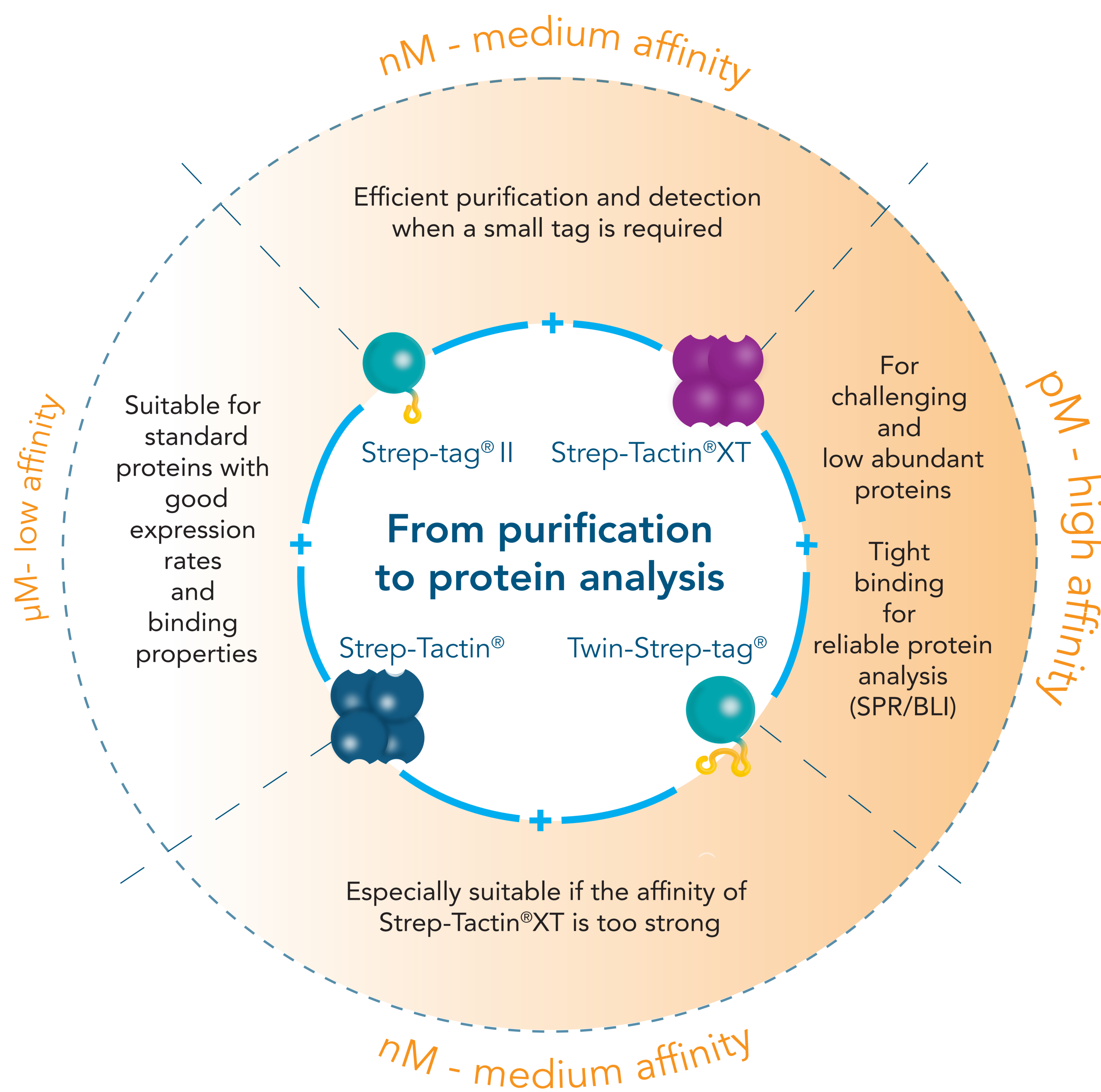


Strep-tag®

LEADING AFFINITY CHROMATOGRAPHY SYSTEM From purification to analytical applications



Strep-tag®II and Twin-Strep-tag® are peptide sequences exhibiting intrinsic affinity towards the biotin-binding pocket of two specifically engineered streptavidin variants, Strep-Tactin® and its high affinity version Strep-Tactin®XT.



One technology - multiple applications

The wide range of affinities and the reversibility of the binding interaction make Strep-tag® the leading affinity chromatography system.



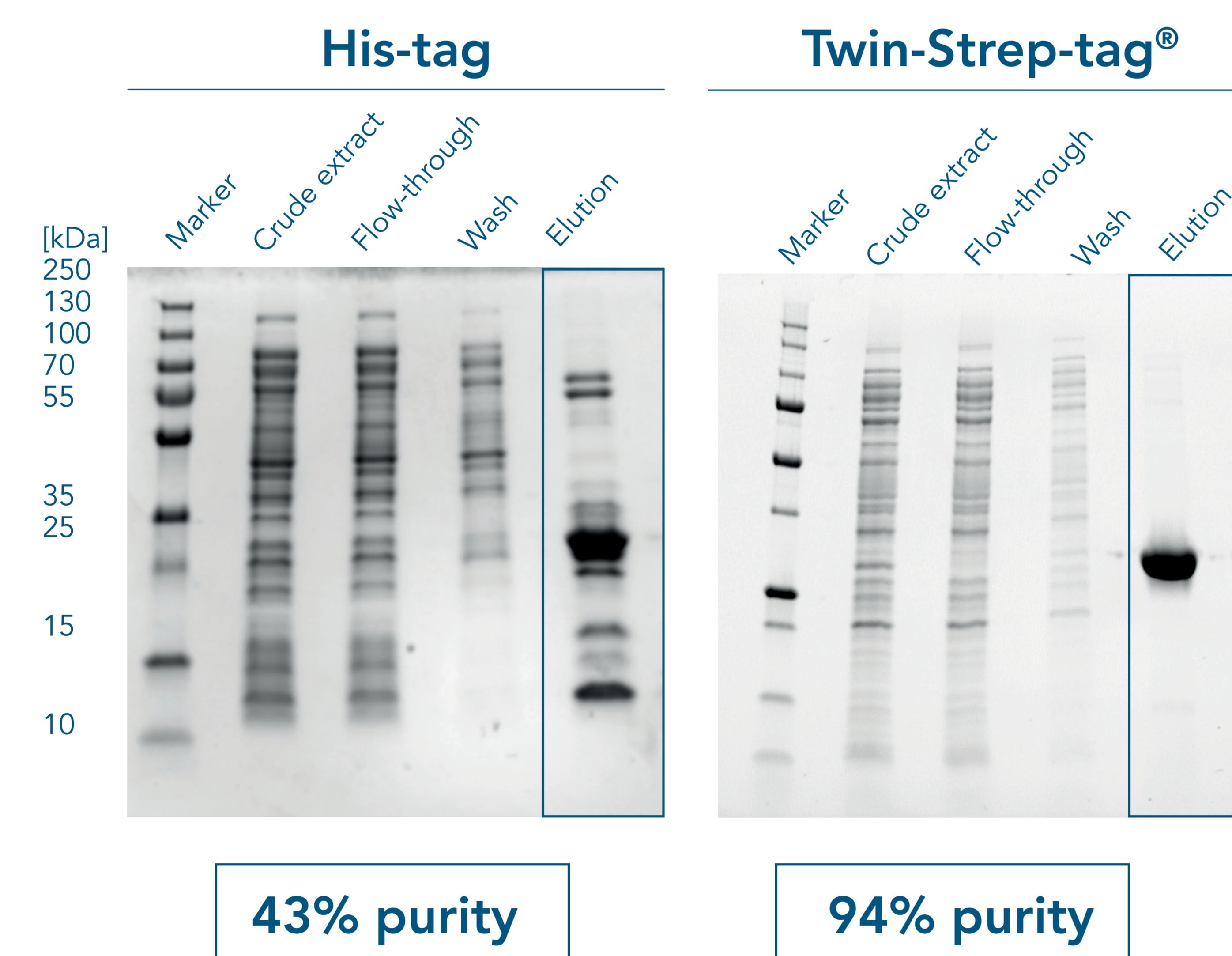
The Strep-tag® system is compatible with

-  *E. coli*
 -  Mammalia
 -  Yeast
 -  Insect
- and many more expression hosts.

Purification

- › Protein purity > 94%
- › High protein yields
- › Physiological conditions
- › Mild elution with biotin
- › Adaptable buffer composition
- › High-throughput & automated purification

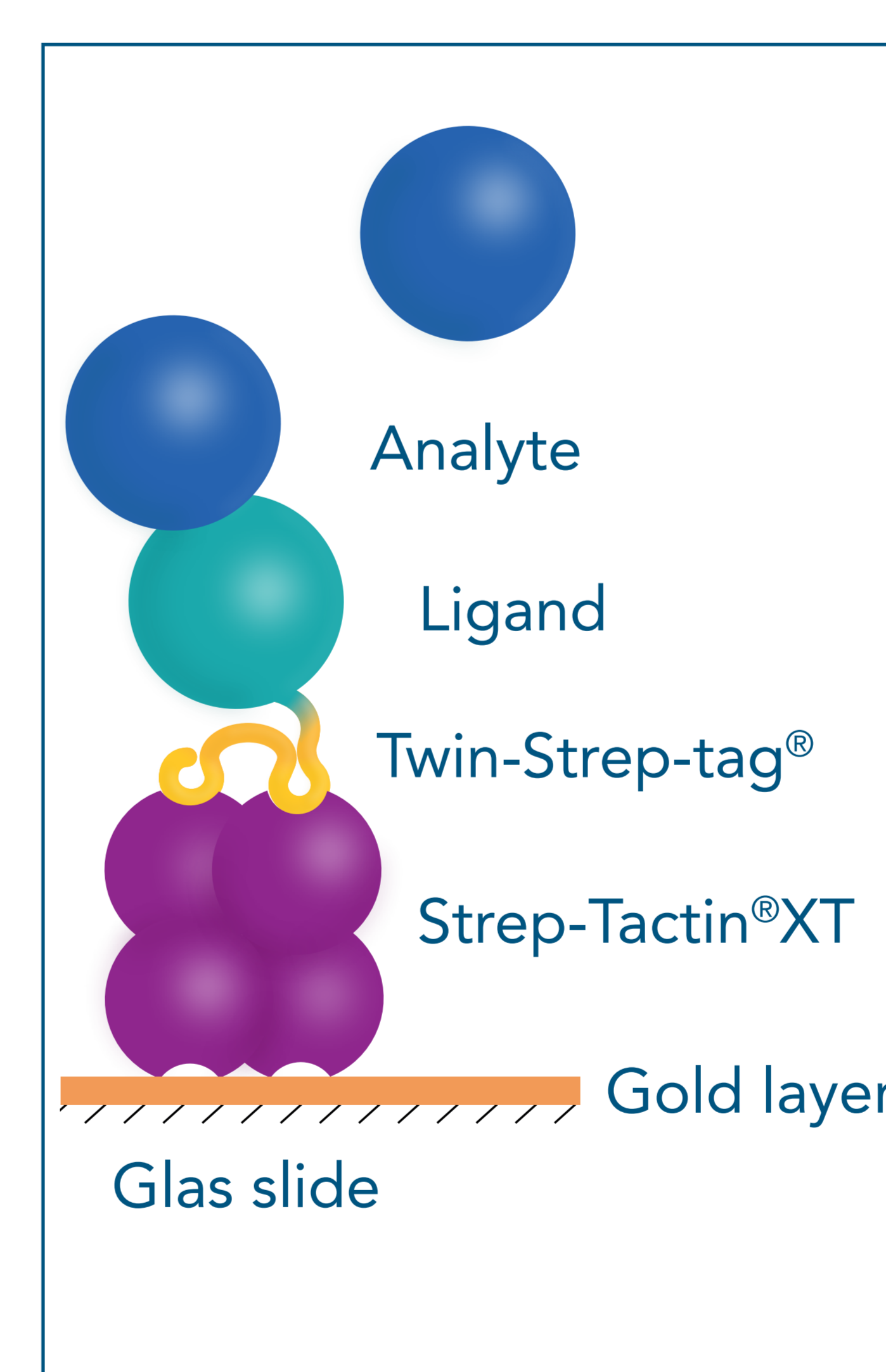
Purification of GFP from bacterial lysates



Analysis

- › SPR & BLI
- › Protein-protein interactions
- › Enzyme activity assays
- › Cell staining & sorting
- › Protein localization & detection
- › Screening of multiple samples

Protein kinetics



Assays

