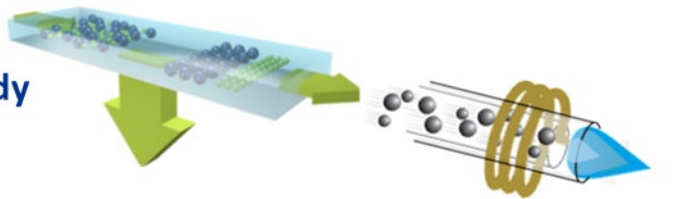
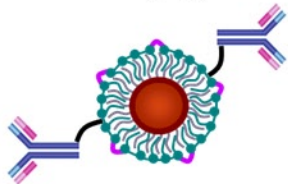
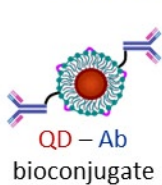


Quantum Dot – Antibody bioconjugate



AF4

Nanoparticle
size-based separation



ICP-QQQ

Elemental detection
analysis: Simultaneous
quantification of the
elemental constituents

**Stoichiometry
QD:Ab**