What's holding you back?

1. Assay development is complicated and takes a long time
   With Biotin CAPture Kit you don’t need to worry about pH scouting, covalent attachment, or regeneration conditions.

2. It’s a new technology – I might make a mistake
   Predefined software methods help prevent mistakes.

3. My protein isn’t very stable
   It’s easy to regenerate the sensor chip with Biotin CAPture Kit so you can capture fresh protein each day.

4. My time on the instrument is very precious – it is heavily booked
   Biotin CAPture Kit can provide high-quality data and results in one day.

5. I don’t know how my molecules will behave and I have a lot of molecules to test
   Regenerate the sensor chip and make minor optimizations with Biotin CAPture Kit.

What’s biotinylated ligand?

- **Biotin CAPture Reagent**
  - The sensor chip is modified with biotinylated ligand
  - The ligand is biotinylated after immobilization

- **Surface Density Calculator**
  - Guides lab procedures to tailor your run conditions to your needs

- **Biacore™ Simul8 tool**
  - Checks your results before running

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Get started with Biotin CAPture Kit

- **Biotin CAPture Kit + Biacore™ Single Cycle Kinetics (SCK)**
  - Provides quick, flexible high-quality affinity and kinetics data
  - Regularly provides useful results on the first attempt
  - Affinity and kinetics determined in a single analysis cycle
  - Ability to use less Biotin CAPture Reagent and ligand sample
  - Faster time to result compared to Biacore™ Multi Cycle Kinetics (MCK) experiments

When to use Biotin CAPture Kit:

- **Limited time or prior knowledge**
- **You work with unstable ligands**
- **You need to easily change the captured ligand**
- **You want to minimize sensor chip costs for short assay runs**

Explore more about Biotin CAPture Kit

More learning tools at cytiva.com/biacore

cytiva.com