

BIACOREX100
BIACORET200
OCTETRED96

Biomolecular Interaction Analysis

ChemPartner
Dedicated to LifeScience

- **Multiple binding**
- **Epitope mapping**
- **Multimolecular complexes**
- **Specificity analysis**
- **Enhance selectivity of test**

Various Types of Interaction Analysis

- *Interaction characterization: affinity, kinetics*
- *High-throughput compound library screening*
- *Quatitative measurement of compounds from target protein*
- *scFV or antibodies screening and ranking*
- *Identify the logical sequence of binding events*
- *Isotyping and cross-reactivity test of antibodies.*

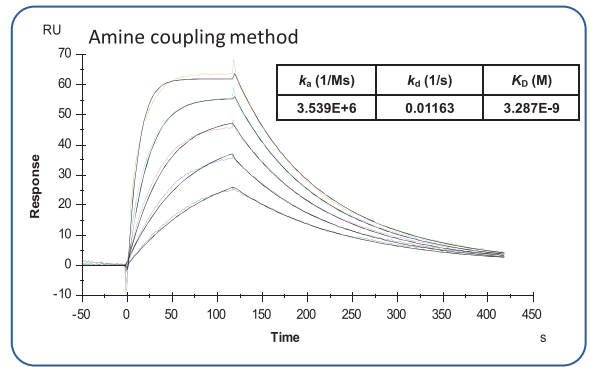
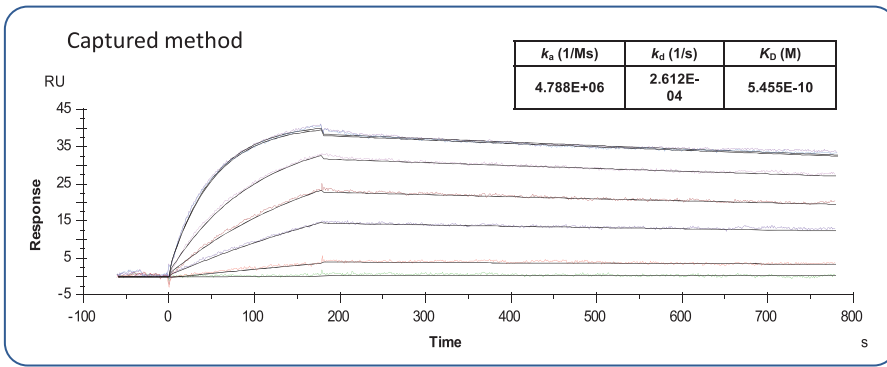
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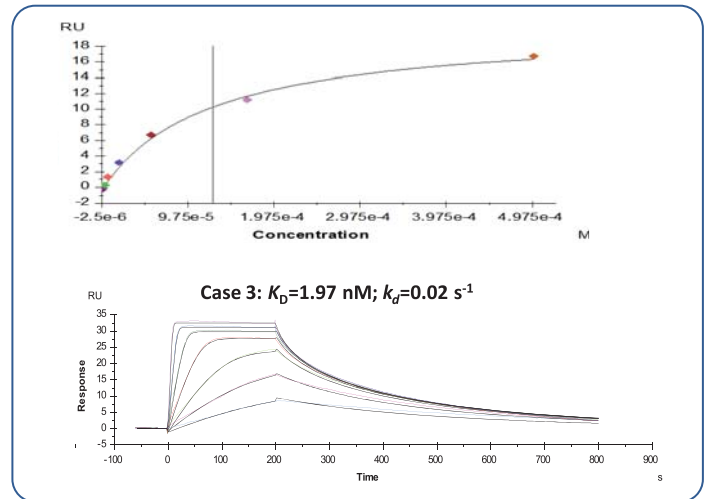
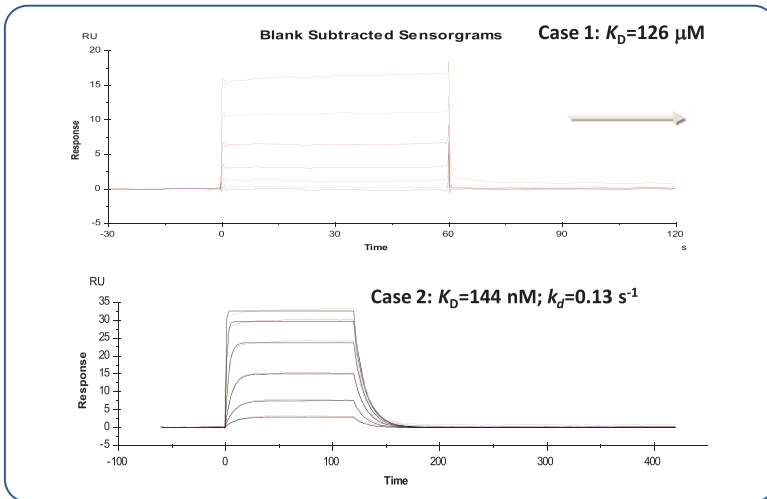
Protein-Protein Interaction

Protein-protein binding analysis using Biacore. The left figure is about binding of antigen to antibody. The right figure is about binding of a molecular chaperone GroEL to cochaperone GroES.



Protein-Compound Interaction

Biacore binding assays developed for more than 30 enzymes with small molecules. These figures show the affinities we have tested range from mM to pM.



Fragment Library Screening

