

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

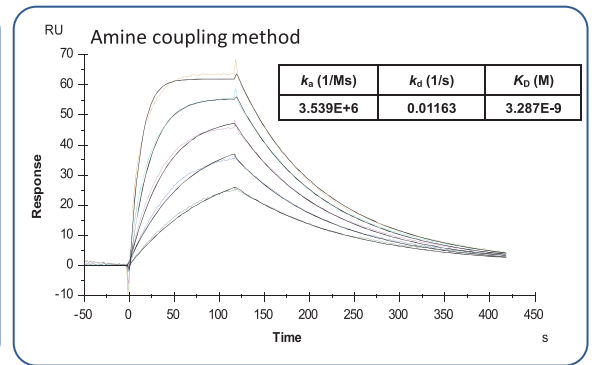
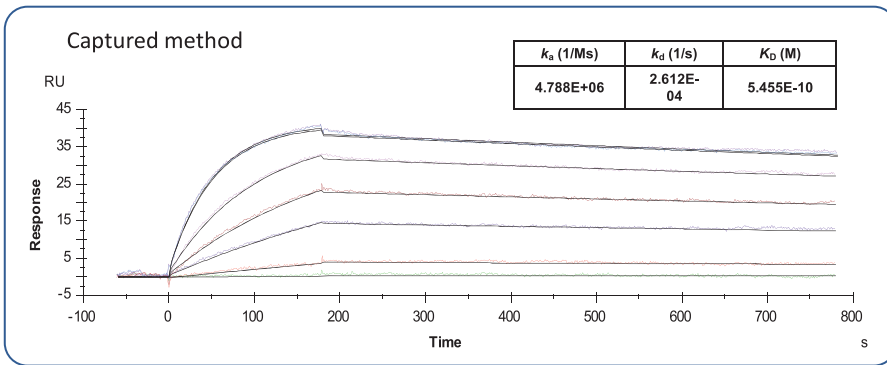
- *Interaction characterization: affinity, kinetics*
- *High-throughput compound library screening*
- *Quatitative measurement of compounds from target protein*
- *scFV or antibodies screening and ranking*
- *Identify the logical sequence of binding events*
- *Isotyping and cross-reactivity test of antibodies.*

### Contact

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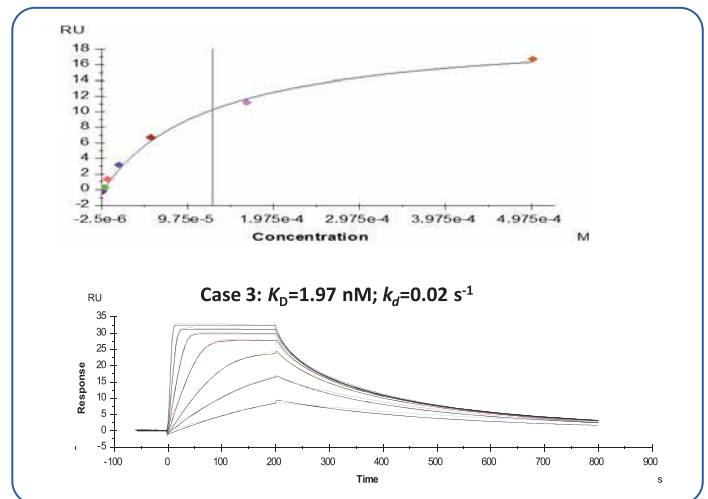
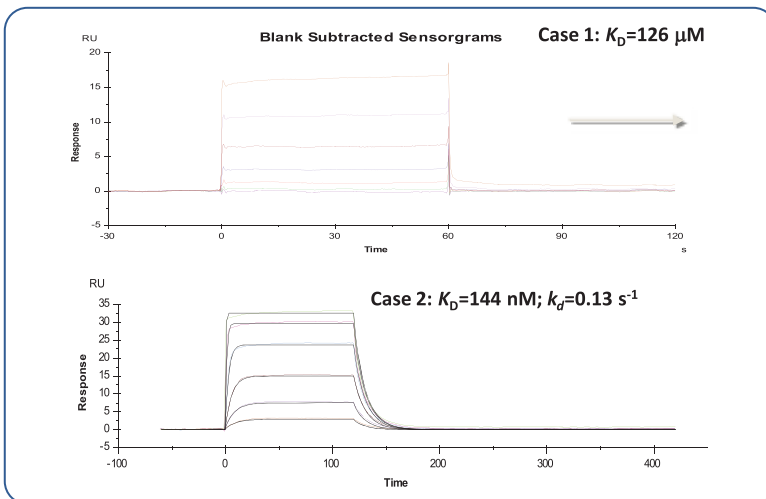
# Protein-Protein Interaction

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

