



Custom Conjugations

When quality matters



- ◆ **Exclusive services**
- ◆ **Quality conjugates**
- ◆ **Ultimate performance**
- ◆ **Freely scalable**

Micro-Optimizer™

Innova's proprietary conjugation technologies allow comprehensive optimization of antibody conjugates using minute quantities of antibody. For example, we can provide five trial conjugates for evaluation in your application with just 25-100ug of antibody. Turnaround time typically is 48-72 hours.

PerfectSCALE™

The best trial conjugate developed using Micro-Optimizer™ can be reproduced at any scale using a PerfectSCALE™ process. Desalting or dialysis steps, which are obligatory with all other conjugation methods, make scale-up extremely challenging, but with PerfectSCALE™ it is possible to produce milligram quantities of conjugate quickly with exceptionally high recovery.

Other labeling technologies

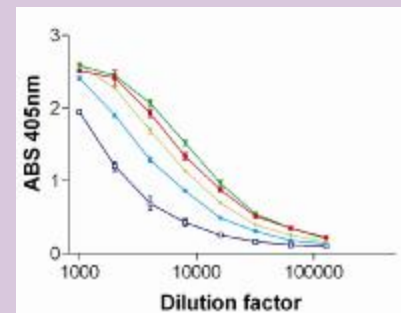
Innova has a wealth of experience in contemporary labeling technologies and will select the approach best suited to your particular needs. Whether you wish to label with biotin, fluorescent proteins or fluorescent dyes, enzymes, or other tags, we can provide the highest quality conjugates.

Specialist conjugations

If you need anything a little out of the ordinary we can probably help. Aside from standard antibody conjugates, we routinely prepare reagents that incorporate molecules such as dextrans, beads or particles, and other biomolecules, including oligonucleotides.

Related services

We undertake all types of antibody purification work, and use our exclusive reagent micro-optimization capabilities to deliver custom immunoassays with superior assay performance.



Titration curves of five HRP conjugates in ELISA, illustrating the benefits of micro-optimization to achieve the best possible assay performance