



**Senova Gesellschaft für  
Biowissenschaft und Technik mbH**  
development services

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## Coupling of antibodies to color particles

We offer our customers a complete package for coupling to different color particles. These include citrate gold particles, functionalized gold particles, latex particles, silver particles, rods and nanoshells. We are at your disposal for further information.

What we need from you for this:

Material provided  
Material type (mAb / pAb)  
host  
Material (at least 3mg)  
storage buffer  
purification method  
Storage and shelf life information  
Catcher antibodies and antigen for functional testing

Our package includes the establishment of a coupling method

Reproducibility tests based on 3 batches

Optimization approaches after consultation with the customer

Order Item: A.359

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## Coupling haptens to proteins

We offer our customers a complete package for coupling haptens to proteins. We are at your disposal for further information.

What we need from you for this:

Material provided  
Material type (protein / peptide / hormone)  
Origin (purified, recombinant)  
Material (at least 3mg)  
storage buffer  
purification method  
Storage and shelf life information  
Catcher antibodies and antigen for functional testing

Our package includes the establishment of a coupling method

Reproducibility tests based on 3 batches

Optimization approaches after consultation with the customer

Order Item: A.360

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## Laboratory scale membrane coating

We offer our customers membrane coatings around the lateral flow assay. These include coating processes for coating solutions on nitrocellulose membranes, conjugate mixtures on fiberglass materials and dip tank processes for sample pads and block processes for all membrane components. We offer a large portfolio of commercially available membrane types. We are at your disposal for further information.

### What we need from you for this:

Provided material for coating  
Material type (mAb / pAb / protein)  
host  
Material (at least 3mg)  
storage buffer  
purification method  
Storage and shelf life information

Our package includes the establishment of a coating method with functional testing

Reproducibility tests based on 3 batches

Optimization approaches after consultation with the customer

Order Item: A.361

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## Development Contracts

We offer our customers order packages to develop a lateral flow assay for a wide range of applications. Starting from simple feasibility studies for the suitability test for the LFA format to marketable CE certified lateral flow assays. We are happy to help you develop individual project planning.

### What we offer:

- Feasibility study lateral flow assay - reagent check
- Bioreagent research (ISO compliant)
- Development of prototype lateral flow assay
- Development of test cases (prototypes via 3D printing, production method injection molding)
- Development of sampling, sampling set
- Inclusion of analytical performance evaluations
- Start of controlled stability studies
- Support clinical performance assessments

Order Item: A.362

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