



## Antibody purification made easy

Simplify your options with CaptureSelect®  
affinity products

# CaptureSelect® Antibody Toolbox

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The CaptureSelect® Antibody Toolbox has been designed to eliminate uncertainty in your purification challenges, offering significant advantages over Protein A, G and L, including ease of elution and specificity. Each product has a defined specificity for distinct antibody populations, removing the need for time-consuming research and testing of affinity media to determine which one works best – with CaptureSelect you can be sure the product you choose is a perfect fit for your experimental requirements.

Developed from single chain antibodies found uniquely in Camelids, CaptureSelect affinity ligands offer enhanced specificity, affinity and stability. Already proven in large scale industrial applications and used in proteomics sample preparation kits, these ligands are now available in immobilized form to simplify your laboratory scale purification projects.



### Purification of all human antibody formats

These products have been specifically designed to purify human immunoglobulins and fragments without any cross-reactivity to other species. They are suitable for purification from complex sources like plasma, serum, cell culture supernatants, and transgenic expression systems.

### CaptureSelect Fab kappa affinity matrix



For the efficient purification of human antibody fragments and all immunoglobulins containing kappa light chains, including IgG, IgA, IgM, and IgE. High specificity for human kappa light chain gives improved purification when compared to Protein L.

### CaptureSelect Fab lambda affinity matrix



The only commercially available affinity media for the purification of human antibody fragments and all immunoglobulins containing lambda light chains, including IgG, IgA, IgM, and IgE.

### CaptureSelect Human Fc affinity matrix



For the purification of all subclasses of human IgG including IgG3 and recombinant Fc fusion proteins, providing improved performance over Protein A.

### Purification of IgG from all species

### CaptureSelect Multi species Fc affinity matrix



Enabling purification of IgG from multiple species including human, mouse, bovine, rabbit, rat, goat, horse, and sheep. Mild elution conditions give improved elution profiles when compared to Protein G.

Affinity ligands in the CaptureSelect Antibody Toolbox range are immobilized onto NHS-activated Sepharose 4Fast Flow (GE Healthcare). Standardized protocols streamline your purification activities by eliminating the need for optimization steps.



## Simplify your options with the CaptureSelect® Antibody Toolbox

Discover for yourself how easy antibody purification is with CaptureSelect affinity matrices. Streamline your purification protocols and gain confidence that you will get the results you are looking for.





# Antibody purification made easy

IgM and IgA purification products

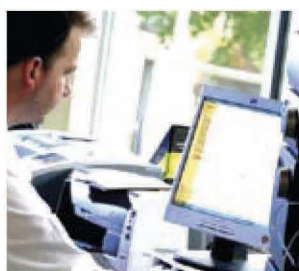
# CaptureSelect® Antibody Toolbox

## Antibody purification made easy

The CaptureSelect® Antibody Toolbox has been designed to eliminate uncertainty in your purification challenges, offering advantages over Protein A, G, and L, including ease of elution and specificity. In addition to the products that bind Human Fc, kappa and lambda light chains, and multispecies Fc, BAC has developed a Human IgA and IgM affinity matrix. These media ensure excellent product purity in a one-step purification process making clinical research easier and more efficient.

Developed from single chain antibodies found uniquely in Camelids, CaptureSelect affinity ligands offer enhanced specificity, affinity and stability. Already proven in large scale industrial applications and used in proteomics sample preparation kits, these ligands are now available in immobilized form to simplify your laboratory scale purification projects.

These CaptureSelect products are suitable for purification from complex sources like plasma, serum, cell culture supernatants, and transgenic expression systems.



Affinity ligands in the CaptureSelect Antibody Toolbox range are immobilized onto NHS-activated Sepharose 4 Fast Flow (GE Healthcare). Standardized protocols streamline your purification activities by eliminating the need for optimization steps.



### CaptureSelect Human IgA affinity matrix



The only commercially available affinity media for the specific purification of human IgA molecules.

- Binds Human IgA1, IgA2, S-IgA and dimeric IgA
- High IgA purity in a one-step process
- No binding to IgG and IgM

### CaptureSelect IgM affinity matrix



For the efficient purification of IgM molecules, providing improved performance over existing affinity resins.

- Binds Human, Mouse, and Rat IgM
- High IgM purity in a one-step process
- No binding to IgG and IgA

Simplify your options with the CaptureSelect® Antibody Toolbox

Discover for yourself how easy antibody purification is with CaptureSelect affinity matrices. Streamline your purification protocols and gain confidence that you will get the results you are looking for.