Stick with PureProteome™ Kappa & Lambda Ig-binding Magnetic Beads

For Fab-ulous human immunoglobulin capture!

Producing Fab fragments for therapeutic development?

Immunoprecipitating protein:Ig complexes?

Isolate more immunoglobulins, faster, with PureProteome™ magnetic beads. Our newest beads bind either the Kappa or Lambda light chains of antibodies, offering:

- High binding capacity (>2 mg/mL slurry)
- Workflow improvements: save time, no centrifugation, easier handling
- Affinity for ALL Ig subtypes – bind IgG, IgA, IgM, IgE, and IgD (Proteins A and G only bind IgG)

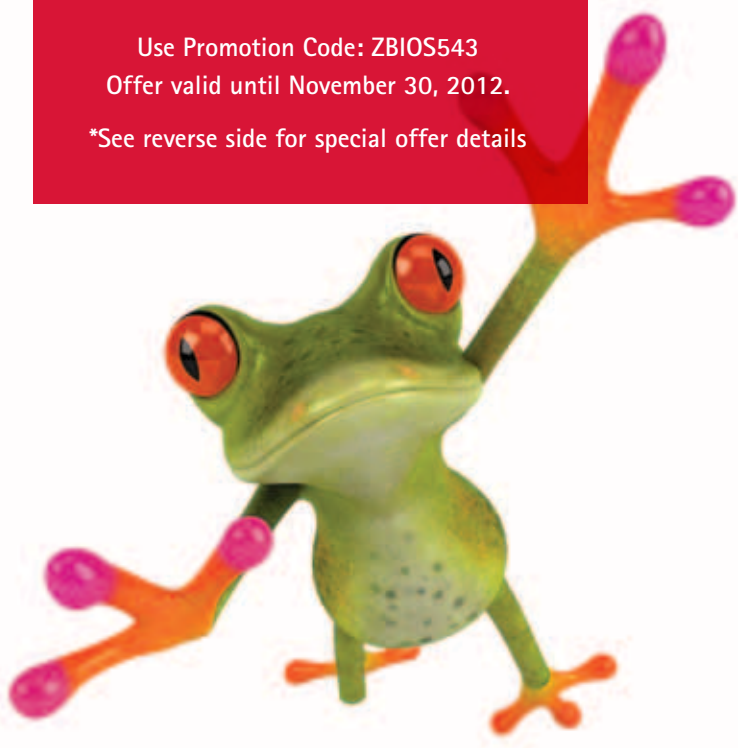
SPECIAL INTRODUCTORY OFFER

Save 25%

on PureProteome™ Kappa or Lambda Ig-Binding Magnetic Beads

Use Promotion Code: ZBIOS543
Offer valid until November 30, 2012.

*See reverse side for special offer details

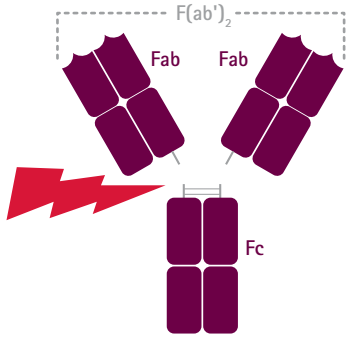


	% Ig Captured
IgA	99.79
IgG_1	99.94
IgG_2	99.91
IgG_3	99.98
IgG_4	99.83
IgD	99.99
IgE	99.11
IgM	99.92

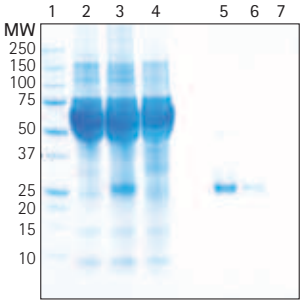
Table 1. Efficient capture of all Ig subtypes from human serum. A blend of 150 µL of each of PureProteome™ Kappa magnetic bead slurry and PureProteome™ Lambda magnetic bead slurry was used to capture (deplete) Ig from 25 µL human serum (pooled). The % Ig captured was determined by measuring Ig in the input and unbound serum samples by ELISA (IgD and IgE) and MILLIPLEX® MAP assays (IgA, IgG and IgM, Catalogue No. HGAMMAG-301K).

Purify the Fab portion away from the Fc portion of Immunoglobulins.

- PureProteome™ Kappa & Lambda magnetic beads specifically bind to Fab fragment light chains, enabling you to separate Fab and/or $F(ab')_2$ from Fc fragments.
- Benefits of separating Fab and Fc fragments include: reduced immunogenicity in *in vivo* studies and less interference in samples containing Fc-binding molecules.



High purity, Fab-ulous recovery.



Lane 1. Markers
Lane 2. Hybridoma Medium
Lane 3. Hybridoma Medum spiked with human Lambda Fab (input)
Lane 4. Unbound fraction
Lane 5. Eluate fraction 1
Lane 6. Eluate fraction 2
Lane 7. Eluate fraction 3

Figure 1. High purity isolation of human Lambda Fab from hybridoma medium. 100 µL of PureProteome™ Lambda Ig-binding magnetic bead slurry was used to capture the Fab fragment from 100 µL of Hybridoma Medium spiked with human Lambda Fab. The captured protein was eluted 3 times using 100 µL of 100 mM triethylamine pH 11.5. 10 µL of each fraction was resolved by SDS-PAGE and Coomassie stained.

Ordering Information

Description	Qty/Pk	Catalogue No.
PureProteome™ Kappa Ig-Binding Magnetic Beads	2 mL	LSKMAGKP02
PureProteome™ Lambda Ig-Binding Magnetic Beads	2 mL	LSKMAGLM02

Save 25%

on PureProteome™ Kappa or Lambda Ig-Binding Magnetic Beads

To take advantage of this offer, contact your local Customer Service office and reference promotional code: ZBIOS543*.

*Promotion code ZBIOS543 must be used when placing your order to be eligible for discount. May not be combined with any other offers. Void where prohibited by law or company policy. Offer valid until November 30, 2012.

NOTE: For human immunoglobulins only.

To Place an Order or Receive Technical Assistance

In Europe, please call Customer Service:

France: 0825 045 645
Germany: 01805 045 645
Italy: 848 845 645
Spain: 901 516 645 Option 1
Switzerland: 0848 645 645
United Kingdom: 0870 900 4645

For other countries across Europe, please call: +44 (0) 115 943 0840

Or visit: **www.merckmillipore.com/offices**

For Technical Service visit: **www.merckmillipore.com/techservice**

Get Connected!

Join Merck Millipore Bioscience on your favorite social media outlet for the latest updates, news, products, innovations, and contests!

facebook.com/MerckMilliporeBioscience

twitter.com/Merck4Bio

MERCK MILLIPORE

www.merckmillipore.com/offices

Lit No. PR2277ENEU LS-SBU-12-06697 6/2012 Printed in the USA.