

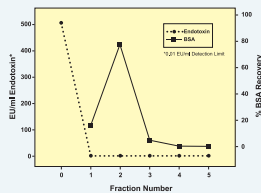
## FATAL ATTRACTION

You'll get attracted to EndoBind-R™  
...Endotoxins do

### Endotoxin Removal from Proteins

Load: 1 mg/ml BSA  
20 mM NaOAc pH 5.0  
200 mM NaCl  
50 ng/ml endotoxin

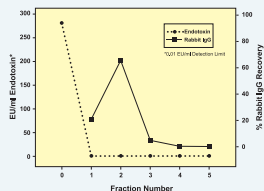
- Reduction from 506 to <0.01 EU/ml
- Recovery of 99.7% BSA
- Peak fraction contains 77% of load



### Endotoxin Removal from Antibodies

Load: 0.5 mg/ml Rabbit IgG  
50 mM PIPES pH 7.5  
100 mM NaCl  
25 ng/ml endotoxin

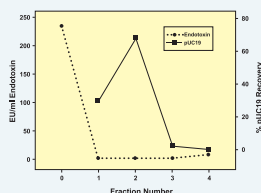
- Reduction from 278 to <0.01 EU/ml
- Recovery of 97.5% IgG
- Peak fraction contains 67% of load



### Endotoxin Removal from DNA

Load: 30µg/ml pUC19  
TE pH 8.0  
1 M NaCl  
25 ng/ml endotoxin

- Reduction from 231 to <0.01 EU/ml
- Recovery of 99.9% pUC19
- Peak fraction contains 67% of load



## EndoBind-R™

- Highly Specific for Endotoxin
- High Product Recovery
- High Capacity for Endotoxin
- Broad pH Operating Range
- Fast, Simple, & Economical

By using EndoBind-R™ columns and media, you can reduce endotoxin to levels significantly lower than with other methods and get exceptionally high product recovery. It works for protein and DNA solutions as well as cell culture media.

Sub-nanogram levels of endotoxin can trigger immune responses and alter the phenotype and function of many cell types including monocytes, neutrophils, dendritic cells, vascular and respiratory epithelial cells, hepatocytes and arterial smooth muscle cells. The problem can be solved easily by the ability of EndoBind-R™ to attract and bind endotoxin.

BioDtech, Inc. has immobilized Factor C Sushi Peptide, which has a high affinity for endotoxin, to a convenient and commonly used chromatography matrix. The patented, non-cytotoxic peptide is synthetic, minimizing lot-to-lot variability. It is effective over a wide range of pH and ionic conditions.

EndoBind-R™...it's fast, simple to use, low cost and regenerable. Find out why scientists are getting attracted to EndoBind-R™.

BioDtech, Inc...we're changing the way endotoxins are detected, neutralized and removed.

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