

ToxOut™ Endotoxin Removal Kits

Protect Your Valued Samples from Endotoxin with Quick and Safe ToxOut™ Endotoxin Removal Kits

Endotoxin is the lipopolysaccharide (LPS) complex located in the outer membrane of gram-negative bacteria. It causes many problems such as non-specific stimulation in cell-based research in vitro and various side effects including inflammatory response, organ failure and septic shock in vivo. BioVision's ToxOut™ Rapid Endotoxin Removal Kit, ToxOut™ High Capacity Endotoxin Removal Kit and related accessories can effectively reduce endotoxin to < 0.05 EU/ml while maintaining the protein recovery rate at >95%.

Key Features:

- **High Binding Capacity:** up to 1.5×10^9 EU/ml resin
- **High Sample Recovery:** >95% recovery with protein solution samples
- **High Reusability:** Each column can be re-used up to 5 times
- **Fast and Qualitative:** Only require 5 minutes for each removal cycle for ToxOut™ Rapid Endotoxin Removal Kit.
- **High Versatility:** Final products of ToxOut™ High Capacity Endotoxin Removal Kit are compatible with a wide range of applications including non-clinical and potential therapeutic studies.

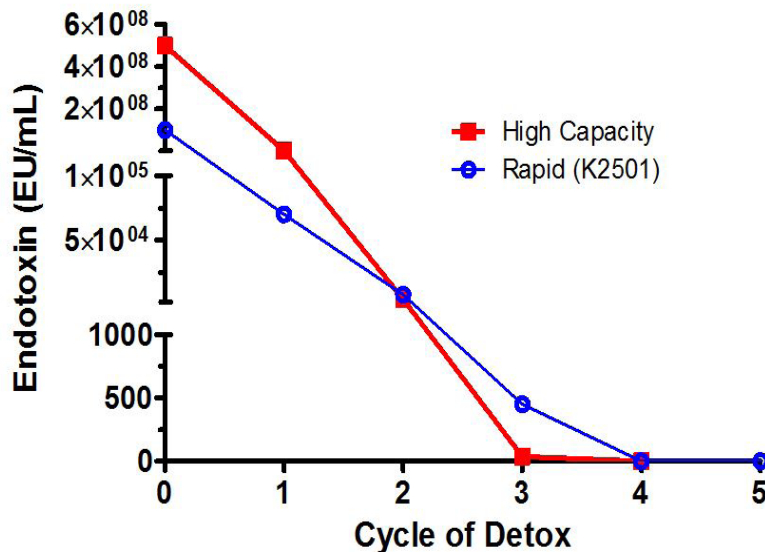


Figure. ToxOut™ Endotoxin Removal Kit removes >95% endotoxin from protein solution samples. Endotoxin capacities and endotoxin efficiencies were determined by challenging 0.1 ml resin with 5×10^8 EU/ml LPS in 200 μ l BSA (10 mg/ml). The endotoxin spike is reduced to <0.05 EU/ml after reloading samples to the repeatedly regenerated column. The average detox efficiency of 5 cycles of detox is 94.5% and the average protein recovery of 5 cycles of detox is 90%

Product Name	Cat. No.	Size
ToxOut™ Rapid Endotoxin Removal Kit	K2501	5 kit
ToxOut™ Endotoxin Removal Equilibration Buffer	7940	50 ml
ToxOut™ Endotoxin-free Collection Tube (2.0 ml)	7937	50 vials
ToxOut™ Endotoxin-free Glass Vial	7944	2 vials, 10 vials
ToxOut™ Endotoxin-free PBS	7943	50 ml
ToxOut™ Endotoxin-free Water	7938	50 ml

155 S. Milipitas Blvd, Milipitas, CA 95035

T: 408-493-1800 F: 408-493-1801

Toll Free: 800-891-9699 (US Only)



Product Name	Cat. No.	Size
ToxOut™ High Capacity Endotoxin Removal Agarose	7942	5 ml
ToxOut™ High Capacity Endotoxin Removal Kit	K2502	5 kit
ToxOut™ High Capacity Endotoxin Removal Regeneration	7945	50 ml
ToxOut™ Rapid Endotoxin Removal Agarose	7941	5 ml
ToxOut™ Rapid Endotoxin Removal Regeneration Buffer	7939	30 µg, 100 µg