

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.

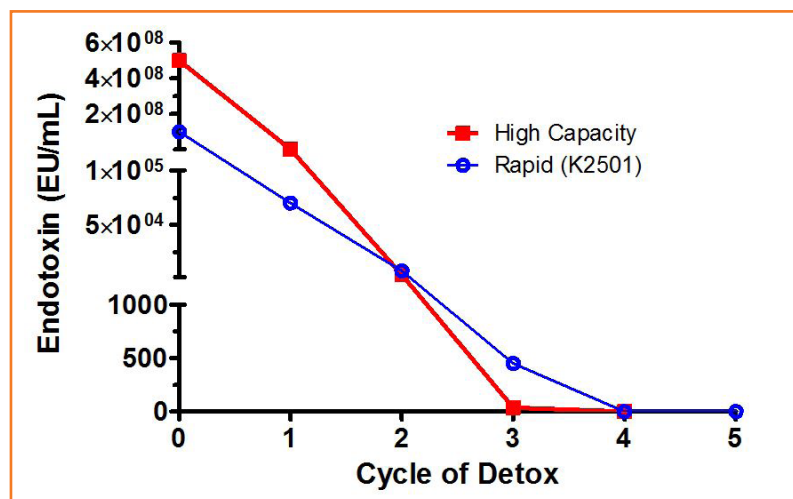


Figure. ToxOut™ Endotoxin Removal Kit removes >95% endotoxin from protein solution samples.

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%

Not sure how to keep your samples Endotoxin-free? Find more accessories here!

Cat #	Product Name
K2501-5	ToxOut™ Rapid Endotoxin Removal Kit
K2502-5	ToxOut™ High Capacity Endotoxin Removal Kit
7937-50	ToxOut™ Endotoxin-free Collection Tube (2.0 ml)
7938-50	ToxOut™ Endotoxin-free Water
7939-50	ToxOut™ Rapid Endotoxin Removal Regeneration Buffer
7940-50	ToxOut™ Endotoxin Removal Equilibration Buffer
7941-5	ToxOut™ Rapid Endotoxin Removal Agarose
7942-5	ToxOut™ High Capacity Endotoxin Removal Agarose
7943-50	ToxOut™ Endotoxin-free PBS
7944-2, -10	ToxOut™ Endotoxin-free Glass Vial
7945-50	ToxOut™ High Capacity Endotoxin Removal Regeneration Buffer
7946-50	ToxOut™ High Capacity Endotoxin Removal Wash Buffer