

Product Information

Endotoxin Removal Kit

CAT#: EKIT-037

Product Information

Description/Features	Endotoxin removal kit is an endotoxin removal resin of high efficiency. It is based on affinity matrix of modified polymyxin B (PMB), which allows highly efficient endotoxin removal. The final endotoxin level can be decreased to less than 0.1 EU/ml with repeated use of the endotoxin removal resin. Final removal efficiency may vary depending on the sample type/source.
Form	Kit
Package	1 Kit
Kit Composition	Endotoxin Removal Resin; Regeneration Buffer(Sodium Phosphate-Buffer, pH 8.0; Triton-114); Equilibration Buffer(Phosphate-Buffer, pH 8.0); Flow-Speed Control; Collection Tubes; Tips (1 ml); Protocol.
Size	1.5 ml in pre-packed column
Capacity	Up to 2,000,000 EU/ml resin
Particle size	90 µm
pH Stability	pH 5 -10
Support Matrix	4% cross-linked agarose, spherical beads
Ligand	Modified PMB (Polymixin B)
Tolerable Ionic Strength	0.1 to 0.5 M NaCl
Application	Endotoxin removes from purified recombinant proteins, peptides, antibodies, polysaccharides, etc.
Storage	2°C to 8°C (Do not freeze.) To regenerate the column, wash the column with 10 ml of equilibration buffer and allow the column to drain completely. Add ethanol to the regeneration buffer to a final concentration of 20%, adding at least 1.5 ml to the column for storage.
Notes	Tested reagents that do not interfere with performance: 20% DMSO, 20% ethanol, 20% glycerol;1 M urea, 300 mM imidazole; 0.05% Tween 20, 10 mM DTT.