

Endotoxin Removal Assay Kit

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CATALOG #
AAA148969

PRODUCT SYNONYMS

Endotoxin Removal; Endotoxin Removal Kit; Endotoxin Removal assay kit

ADDITIONAL INFORMATION

Related Product Information for Endotoxin Removal assay kit

Principle of the Assay: Lipopolysaccharide (LPS) is a bacterial endotoxin, and a major constituent of the outer layer of the outer membrane of gram-negative bacteria (e.g., E. coli). Bacteria shed small amounts of endotoxins into their surroundings while they are actively growing and large amounts when they die. During lysis of bacterial cells for plasmid preparations, endotoxin molecules are released from the outer membrane into the lysate. So, the removal of these endotoxins is highly necessary for downstream processes.

Intended Uses: Endotoxin Removal Kit can quickly and effectively eliminate endotoxins to <0.1 EU/mL in solutions containing proteins via the immobilized polymyxin B, which is known for capturing endotoxin and preventing toxic effects.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/assay-kits/endotoxin-removal/148969>