

KPL BacTrace® Anti-*E. coli* O121 Magnetic Beads

Catalog No.
5350-0043 (082-01-95-95)

Size
1 mL

DESCRIPTION

KPL BacTrace Anti-*Escherichia coli* O121 Magnetic Beads are super-paramagnetic polystyrene beads coated with SeraCare's KPL BacTrace Anti-*E. coli* O121 antibody. They are intended for use in the isolation and separation of *E. coli* O121 from a variety of samples (food, animal feed, environmental samples, etc.). Immunomagnetic separation offers a rapid means of separating *E. coli* O121 from complex mixtures prior to immunodetection assays, PCR or other culture techniques.

FORM/STORAGE

Suspension. Store at 2-8°C. DO NOT FREEZE! Stable for a minimum of 1 year from date of receipt when stored at 2-8°C.

STABILIZER AND PRESERVATIVE

Bovine Serum Albumin (BSA) is added as a stabilizer. 0.02% sodium azide is added as a preservative. Non-sterile.

BEAD CONCENTRATION

Beads are provided at a concentration of $> 1 \times 10^9$ beads/mL. Beads are approximately 2 μm in size. One vial provides enough material to perform 50 extractions when using 1 mL of enriched culture.

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REFERENCES

1. Detection and Isolation of non-O157 Shiga Toxin-Producing *Escherichia coli* (STEC) from Meat Products. USDA SOP No. MLG 5B.03. 2012, pgs. 12 – 15.
2. Gehring, et. al. Enzyme-linked Immunomagnetic Electrochemical Detection of *Salmonella Typhimurium*. *J Immunol Methods*. 1996 Sep 9;195(1-2):15-25.

PRODUCT SAFETY AND HANDLING

This product is considered non-hazardous as defined by The Hazard Communication Standard (29 CFR 1910.1200). Avoid contact with skin and eyes. In case of contact or spillage, clean with copious amounts of water. Dispose of via institutional guidelines.

RELATED PRODUCTS

CAT. NO.

KPL Anti- <i>E. coli</i> O121 Antibody	5310-0332 (01-95-95)
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The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.