



User's Manual

E.coli Shiga toxin II subunit B Antibody Pair Set

REF

ABPR-ZB223



5 Plates, 15 Plates

RUO

This product is for research use only and is not intended for diagnostic use.

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

Creative Diagnostics

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PRODUCT INFORMATION

Intended Use

Quantitative determination of E. coli Shiga toxin II subunit B

General Description

ABPR-ZB223 is a solid phase sandwich ELISA for quantitative determination of E. coli Shiga toxin II subunit B.

Reagents And Materials Provided

1. Capture Antibody: 1 mg/mL of mouse anti-Enterohemorrhagic E.coli (EHEC) STX2B/Shiga toxin II subunit B monoclonal antibody [CABT-ZB644] (in PBS, pH 7.4).
2. Detection Antibody: 0.2 mg/mL of mouse anti-Enterohemorrhagic E.coli (EHEC) STX2B/Shiga toxin II subunit B monoclonal antibody [CABT-ZB988] conjugated to HRP (in PBS, 50 % HRP-Protector, pH 7.4, store at 4°C).
3. Standard: Each vial contains 50 ng of recombinant Enterohemorrhagic E.coli (EHEC) STX2B/Shiga toxin II subunit B.

Reconstitution And Storage

Reconstitution

1. Capture Antibody: Dilute to a working concentration of 2 µg/mL in PBS before coating.
2. Detection Antibody: Dilute to working concentration of 0.5 µg/mL in dilution buffer before use.
3. Standard: Reconstitute with 1 mL dilution buffer.

Storage

1. Capture Antibody: Aliquot and store at -20°C to -80°C for up to 6 months from date of receipt. Avoid repeated freeze-thaw cycles.
2. Detection Antibody: Store at 4°C and protect it from prolonged exposure to light for up to 6 months from date of receipt. DO NOT FREEZE!
3. Standard: Store lyophilized standard at -20°C to -80°C for up to 6 months from date of receipt. Aliquot and store the reconstituted Standard at -80°C for up to 1 month. Avoid repeated freeze-thaw cycles.

Detection Range

Assay range: 34.38-2200 pg/mL