Product Datasheet

Botulinum Toxin B

BioThreat ELISA Kit

The Botulinum Toxin B ELISA Kit is an immunoassay for the detection and identification of the biological agent Botulinum B toxin, which is produced by the bacteria, Clostridium botulinum. It is intended for laboratory and quantification of Bot B toxin contained in environmental and food samples. This ELISA kit contains materials to perform an immunoassay in multiple formats (see below). The Botulinum Toxin B ELISA kit is not a clinical diagnostic device.

Formats

Pre-coated (+/-) is supplied as a pre-coated ELISA plate with positive and negative capture antibodies in alternating rows. Adjusted results can be calculated by subtracting the negative capture from the positive capture results. This is the preferred method for complex sample matrices.

Pre-coated (+ only) is supplied as a pre-coated ELISA plate with only positive capture antibody.

Non-coated (+/-) and (+ only) are supplied with a non-coated ELISA plate, and the positive and negative, or positive (+ only) capture antibodies in individual tubes.

Kit Components (supplied)

- ELISA plate (pre-coated or non-coated): 1 plate for (+ only) / 2 plates for (+/-).
- Detector.
- Conjugate.
- 1 packet 10 g skim milk.
- 1 vial substrate (+ only) / 2 vials (+/- format).
- Positive/Negative Capture: Non-coated.

Kit Components (not supplied)

- Filter-sterilised PBS, pH 7.4.
- Tween 20.
- Bot B positive control.
- Automated ELISA plate washer (optional).
- Automatic ELISA plate reader (optional).
- 37˚C incubator.

Southern Scientific Limited
Scientific House, The Henfield Business Park
Shoreham Road, Henfield, BN5 9SL, UK

E-mail: info@southernscientific.co.uk
Tel: +44 (0)1273 497600

www.southernscientific.co.uk

Southern Scientific
EXPERIENCE & EXPERTISE

A LabLogic Group Company

Version 1.0 October 2026