Product Datasheet

Burkholderia

BioThreat ELISA Kit

The Burkholderia ELISA Kit is an immunoassay for the detection and identification of the biological agents Burkholderia mallei and B. pseudomallei. It is intended for laboratory analysis and quantification of Burkholderia contained in environmental samples. This ELISA kit contains materials to perform an immunoassay in multiple formats (see below). The Burkholderia 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.
- Burkholderia positive control.
- Automated ELISA plate washer (optional).
- Automatic ELISA plate reader (optional).
- 37°C incubator.

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Version 1.0 October 2026