Product Datasheet

Vibrio Cholerae O139

BioThreat ELISA Kit

The Vibrio cholera O139 ELISA Kit is an immunoassay for the detection and identification of the biological agent V. cholera O139. It is intended for laboratory analysis and quantification of V. cholera O139 contained in environmental samples. This ELISA kit contains materials to perform an immunoassay in multiple formats (see below). The V. cholera O139 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.
- VC0139 positive control.
- Automated ELISA plate washer (optional).
- Automatic ELISA plate reader (optional).
- 37˚C incubator.

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