



Certificate of Analysis

(Please read carefully)

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Legionella pneumophilla (antigen)

Serotyp 3

| | | |
|---|---|-----------------------|
| Article no.: AEB 1100 | Lot no.: (see product label) | Quantity: 1 mg |
| Species of the genus <i>Legionella</i> are Gram-negative, non-spore-forming, rod-shaped, aerobic bacteria. They contain branched-chain fatty acids, have a non-fermentative metabolism, and require L-cysteine and iron salts for growth. Common infections caused by <i>Legionella</i> are Legionnaires' Disease (LD), a severe pneumonia, or Pontiac Fever, a flu-like illness. Legionnaires' Disease is most commonly linked to exposure to <i>Legionella pneumophila</i> . <i>L. pneumophila</i> has many subgroups called serotypes. | | |
| Alternative term | American Type Culture Collection (ATCC) | |
| Source | DSMZ | |
| Raw materials | lyophilisate | |
| Condition of delivery | Dry/liquid | |
| Color | yellowish to gray, depending on the batch | |
| Texture | powdery to resinous, depending on the batch | |
| Additives | sodium azide, stabilizer | |
| Date of manufacture | December 2015 | |
| Date of expire | December 2025 (frozen storage) | |

Risk of infection: this antigen belongs to the biohazards group 2. This product should be handled with care. No responsibility on the part of the manufacturer for any infection or contamination.

Thermal inactivation.

Application: this product is only for Research and Development. It must not be used as a remedy and not as an in vivo application. Foam or bubble development should be avoided. Any unused stock solution must then be divided into aliquots and frozen at -20°C. Repeated freezing and thawing is not recommended because of significant reduced antigen activity.

Protein content: Determined for each new batch by using the Bradford assay.

Molecular binding sites: Examined and documented by SDS-PAGE and Experion (BioRad).

Storage: Keep container tightly closed and store at temperatures of at least -20°C.

Bochum, November 2019

approved

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