

primediagnos^tics

Material Safety Data Sheet

Antibody (IgG) for detection of bacterial and viral diseases in plant material (non-regulated goods)

Alkaline Phosphatase conjugate

Purified antigen specific antibody developed in rabbit

Product code AP

Antiserum is developed in rabbit using purified pathogen as immunogen. The IgG is purified from the antiserum and conjugated to Alkaline Phosphatase (AP). The AP conjugate is provided as a solution in 0.05 M TRIS buffer, pH 8.0 plus 0.1% Proclin300 (preservative) and 5 mg/ml BSA.

Product profile

In DAS-ELISA a working dilution of 1:1000 is recommended. This optimal working dilution is determined in a standard DAS-ELISA test using the homologous pathogen and coating antibody as antigen and primary antibody respectively. However, it is possible that due to differences in methodology, the optimal working dilution may differ from the user's actual titre. In this case it is recommended that the individual user determines the optimum working dilution for his/her system by titration DAS-ELISA.

Components

Due to European legislation (EU DIR1774/2002 and 668/2004) the use of Bovine serum albumine (BSA) is not allowed in fields of human or veterinary medicine, agriculture, food, or cosmetics. Therefore, we need the customer's confirmation that the AP conjugate, containing BSA, will be used exclusively for research and analytical purposes. A form for the written declaration can be obtained on request.

Storage

The conjugated antibody should be stored at 4 °C for short term storage (≤1 month). For long term storage (>1 month) we advise to aliquot the conjugate into suitable working volumes and store at -20 °C. **Avoid** repeated freeze–thawing cycles.

The antibodies will be stable for 2 years after date of packaging.

Hazardous aspects

Not applicable

References

Clark, M.F. (1981), Ann. Rev. Phytopathol. 19, 83-106

Van Vuurde, J.W.L. and Maat, D.Z. (1985), Ned. J. Pl. Path. 91, 3-13

Miscellaneous information

Although the information, opinions and recommendations contained in this Material Safety Data Sheet are compiled from sources believed to be reliable, we accept no responsibility for the accuracy, sufficiency, reliability or for any loss or injury resulting from the use of the information. Newly discovered hazards are frequent, and this information may not be completely up to date. If in doubt seek medical advice.

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