

# primediagnos<sup>t</sup>ics

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## Material Safety Data Sheet

### **Positive control for detection of bacterial diseases in plant material**

Pure culture of homologous bacteria

Product code PC

### **Negative control for detection of bacterial diseases in plant material**

Pure culture of related bacteria

Product code NC

The positive control consists of a pure culture of the homologous bacterial strain, isolated from an appropriate growth medium and heat treated (10 minutes 100°C) and/or Proclin300 added and/or  $\gamma$ -radiated to eliminate the presence of viable cells.

The negative control consists of a pure culture of a related bacterial strain isolated from an appropriate growth medium and heat treated (10 minutes 100°C) to eliminate the presence of viable cells.

Both controls are provided as a solution in 0.01 M phosphate buffered saline pH 7.6. The concentration is approximately  $10^8$  cells per ml.

### **Product profile**

A working dilution of 1:10 is recommended for all assays.

### **Components**

No harmful or infectious components are present.

### **Warning**

It is possible that plant extracts from the samples to be tested can produce a positive reaction in DAS-ELISA or an aspecific background staining in IF and indirect IF. It is recommendable to use a healthy plant extract from the same host cultivar as the samples to be tested as an additional negative control.

### **Storage**

**The positive and negative control should be stored at -20°C.** Repeated freezing and thawing is **not** recommended. The solution may be frozen in aliquots if necessary. The controls have a shelf-life of 2 years after date of packaging.

### **Hazardous aspects**

Not applicable

### **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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