
Antibody Reagents for the Detection of Plant Pathogens

Relevant identified uses of the reagents

Identified uses: Enzyme Linked Immunosorbent Assay (ELISA)

Details of the supplier of the safety data sheet

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Identification of the substance/preparation

Product name (s)

- Monoclonal antibodies
- Polyclonal antibodies
- Alkaline phosphatase conjugated monoclonal antibodies
- Alkaline phosphatase conjugated polyclonal antibodies

Composition / Information on ingredients

No hazardous components

- Immunoglobulins G (IgG)
- Phosphate buffer saline (PBS)
- Alkaline phosphatase
- 0.02% Sodium azide

| Ingredient Name | % | CAS # | EC no | Annex I Index # |
|-----------------------------|-------|------------|-----------|-----------------|
| IMMUNOGLOBULIN | N/A | None | None | None |
| PHOSPHATE BUFFER | N/A | None | None | None |
| POTASSIUM CHLORIDE | N/A | 7447-40-7 | 231-211-8 | None |
| SODIUM CHLORIDE | N/A | 7647-14-5 | 231-598-3 | None |
| ALKALINE PHOSPHATASE | N/A | None | None | None |
| SODIUM AZIDE | 0.02% | 26628-22-8 | 247-852-1 | 011-004-00-7 |

Symbols: T+-N

R-Phrases: 28-32-50/53

At levels >0.1% Sodium azide is classified very toxic if swallowed. Contact with acids liberates very toxic gas. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Identification

None

First Aid Measures

| | |
|----------------------|---|
| <u>Inhalation</u> | Seek medical advice |
| <u>Skin contact</u> | Rinse with water |
| <u>Eye contact</u> | Rinse with water |
| <u>Ingestion</u> | may cause gastrointestinal irritation, nausea, vomiting and diarrhoea |
| <u>Sensitization</u> | May cause sensitization |

Accidental release measure

None

Handling and Storage

It is recommended that all laboratory personnel follow laboratory safety procedures when handling this product. Direct physical contact with antibodies should be avoided. Store at 5°C

Transportation

Antibodies are not hazardous to ship.

Disposal

Waste from residues / unused product must be in accordance with local regulations.