



Acid Phosphatase Reagent

INFORMATION FOR PROFESSIONAL USE

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REF	TN 1519	Acid Phosphatase Reagent	Vol.
		Component 1	1 x 10 ml
		Component 2	6 x 0.09 g

Intended use

The Acid Phosphatase Reagent is used in accordance with ISO 14189 to detect acid phosphatase from *Clostridium perfringens*.

Typical Composition

Component 1: Sodium Acetat Buffer	10 ml
Sodium Acetat	0.04 g
Acetic acid	0.03 ml
Distilled water	ad 10 ml

Component 2: Dye Reagent	0.09 g
1-Naphthyl phosphate disodium salt	0.03 g
Fast Blue B salt	0.06 g

pH 4.6 ± 0.2

Shelf life and storage

The Acid Phosphatase Reagent may be used until the expiry date indicated on the label if stored at 2...8 °C.

It must be stored protected from light.

Warnings and precautions

Classification according to Regulation (EC) 1272/2008 (CLP):



Signal word: Warning (Component 1), Danger (Component 2)

Hazard elements:

Contains Acetic acid (Component 1), o-dianiside and 1-Naphthyl phosphate disodium salt (Component 2)

H-statements (Component 1): H315: Causes skin irritation. H319: Causes serious eye irritation.

H-statements (Component 2): H315: Causes skin irritation. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H350: May cause cancer.

P-statements (Component 1): P264: Wash hands thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313: If skin irritation occurs: Get medical advice/attention. P337+P313: If eye irritation persists: Get medical advice/attention.

P-statements (Component 2): P201: Obtain special instructions before use. P261: Avoid breathing dust.

P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313: IF exposed or concerned: Get medical advice/attention. P405: Store locked up.

Directions

Pipette 1.5 ml sodium acetate buffer into a vial. Vortex until you can see that a homogeneous mixture has been achieved. Protecting it from light, cool the vial for 1 hour at 2...8 °C. Then centrifuge the vial for 10 minutes at 6,000 RPM. Remove 750 µl of the supernatant and transfer into an empty vial. If required, centrifuge the fresh vial again. Otherwise, use the solution (which should be almost clear) at once to detect acid phosphatase. The freshly prepared reagent is usable for at least one week if protected from light and stored at 2...8 °C. If it has been stored for longer, the functionality of the reagent should be checked before using it. If the reagent becomes cloudy, it can be centrifuged again at any time.

Detection: To detect acid phosphatase, put 2-3 drops of the reagent onto a filter paper and then rub a suspect colony into it. If there is a positive reaction, the colour changes to dark red / brown red within 3 - 4 min.

Explanation of the symbols used



Batch code (Lot)



Catalogue number



Consult instructions for use



Use by YYYY-MM (MM = end of month)



Temperature limitation

Date of revision: 31/10/2016