

SAFETY DATA SHEET
according to European Directive 91/155/EEC

Product: **PERFORMANCE EVALUATION KIT, PIPETTOR - WASHER**
Code: **89894**

SDS No.: **89894**

Version: **1**

1. Product and company identification

Product name: PERFORMANCE EVALUATION KIT, PIPETTOR - WASHER

	Supplier	Local distributor (specify if necessary)
Name:	Bio-Rad	
Address:	3, boulevard Raymond Poincaré 92430 Marnes-la-Coquette, France	
Telephone:	+ 33 (0)1 47 95 60 00	
Fax:	+ 33 (0)1 47 41 91 33	
Emergency number:	+ 33 (0)1 47 95 60 00.	

2. Composition / information on ingredients

PREPARATIONS

Composition of the kit	code 89894
Microplate Standard empty 12 strips of 8 wells microplate.	10 plates
Empty 15 ml Vial Empty vial, fill with clean tap water.	3 vials (Empty)
C0 Color solution C0 Dye solution in Tris/NaCl buffer containing Tween® 20. Preservative: ProClin™ 300 0.1% ⁽¹⁾ .	4 vials (1 x 14 ml)
C1 Color solution C1 Dye solution in water. Preservative: ProClin™ 300 0.1% ⁽¹⁾ .	3 vials (3 x 2 ml)
C2 Color solution C2 Dye solution in water. Preservative: ProClin™ 300 0.1% ⁽¹⁾ .	3 vials (3 x 2 ml)
C3 Color solution C3 Dye solution in water. Preservative: ProClin™ 300 0.1% ⁽¹⁾ .	3 vials (3 x 10 ml)
C4 Color solution C3 Dye solution in water. Preservative: ProClin™ 300 0.1% ⁽¹⁾ .	3 vials (3 x 10 ml)

Components contributing to the hazard:

The reagents ⁽¹⁾ contain ProClin™ 300 at 0.1% – preparation supplied as a preservative (mixing of 5-chloro-2-methyl-2H-isothiazole-3-one and of 2-methyl-2H-isothiazole-3-one in ratio 3:1) .

Classification of the mixing:

CAS #: 55965-84-9
EINECS (EC #): -
Annex I # (Index EC): 613-167-00-5
Molecular formula: -
FW: -

EC Classification: T - R23/24/25 C - R34 R43 N - R50-53

Components showing a hazard: None.

Intended use: Reagent for *in vitro* diagnostic.

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3. Hazards identification

Main hazards: ProClin™ 300 at the concentration of 0.1% may cause sensitization by skin contact.

Specific hazards: Contains human origin components. Refer to Chapter 2.

4. First-aid measures

Inhalation: Move the subject outdoors and make him/her breathe fresh air.

Skin contact: If skin contamination by the reagents wash with plenty of water and soap, rinse thoroughly and decontaminate with freshly diluted to 1:10 bleach at 12° C or, failing that, 70% alcohol. Allow contact for at least 5 minutes. Consult a physician if necessary and show this sheet.

Eye contact: Rinse immediately with physiological solution or water (at least 10 minutes). Seek a medical advice and show this sheet.

Ingestion: Rinse the mouth with water. Seek a medical advice, if necessary, and show this sheet.

5. Fire-fighting measures

Suitable extinguishing media: Usual in a laboratory (H₂O spray, CO₂, foam, ...).

Specific dangers: Combustion of ProClin™ 300 containing reagents may produce toxic fumes that may contain hydrochloric acid, nitrogen oxides, sulfur oxides, ...).

Special methods of intervention: No specific methods.

Special protective equipment: Usual, but an autonomous respiratory device if necessary.

6. Accidental release measures

Personal precautions: Wear disposable gloves, glasses and appropriate protective clothing.

Environmental precautions: Do not discard reagents and contaminated wastes in the drain.

Methods for cleaning up: Collect reagents with absorbent paper. Treat solutions and material contaminated by human source material (reagents or samples) with freshly diluted bleach at 12° C. Do not autoclave material containing bleach.

Disposal: Refer to Chapter 13. Discard human source reagents and contaminated material as potentially infectious biological material.

7. Handling and storage

Handling

Technical measures: Wear disposable gloves, glasses and appropriate protective clothing.

Precautions: Avoid contact with skin and eyes. Avoid spilling. Wash your hands after handling. Follow the Good Laboratory Practices.

Instructions: Refer to the product instruction for use.

Storage

Technical measures: Keep reagents hermetically sealed.

Storage conditions: Follow storage recommendations stated on labels. Lot number and expiration date are stated on packaging.

Packaging materials: Store reagents in their original container.

8. Exposure control / personal protection

Engineering measures: Comply with Good Laboratory Practices to avoid all direct contact with reagents.

Personal protective equipment: Disposable gloves, protective glasses, protective clothing.

Hygiene measures: Comply with Good Laboratory Practices. Wear disposable gloves when handling reagents and samples and wash your hands thoroughly after handling them. Carry out necessary vaccinations and biological follow-up. Also see Chapter 7.

9. Physical and chemical properties

Aspect: see Product instruction for use.

Odour: /

pH: /

Density: /

Characteristic temperatures: /

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Solubility: /

10. Stability et reactivity

Stability: All reagents of the kit are stable, under the storage conditions recommended by the manufacturer, until the expiry date indicated on the packaging.

Hazardous reactions: /

Conditions to avoid: /

Materials to avoid: For reagents with ProClin™ 300 – oxidant agents, reducing agents, amines, mercaptans.

Hazardous decomposition products: For reagents with ProClin™ 300, thermal decomposition may result in the production of hydrochloric acid, sulfur dioxide and nitrogen oxides.

11. Toxicological information

Acute toxicity: No known toxicological data.

Local effect: If contact of reagents containing ProClin™ 300 with skin, possibility of allergic contact dermatitis.

12. Ecological information

Mobility: /

Degradability: /

Bioaccumulation: /

Ecotoxicity: /

Diverse harmful effects: /

13. Disposal considerations

Wastes of residues: No uniform regulations have been defined concerning the elimination of chemical product and their residues in the European Union.

Chemical products and their residues must be considered to be special wastes. Their elimination is regulated by each member state. We recommend you to contact the appropriate authorities or companies specialized in the elimination of wastes, who can inform you about the ways to eliminate special wastes. Human origin reagents and contaminated material should be discarded as potentially infectious biological material.

Contaminated packaging: Elimination in accordance with current legislation. Contaminated containers must be treated in the same way as the respective chemical product. Except in the case of specific regulations, non-contaminated containers can be eliminated in the same way as household wastes or can be recycled.

14. Transport information

Not regulated.

15. Regulatory information

European Union regulation:

- Directive 67/548/EEC and its updated versions.
- Directive 1999/45/EC.
- Directive 91/155/CEE, 93/112/CE and 2001/58/EC.

EC labelling: Kit and reagents ⁽¹⁾ with ProClin™ 300:



Symbol: Xi – irritant

R-Phrase: R43

May cause sensitization by skin contact.

S-Phrases: S28-37

After contact with skin, wash immediately with plenty of water and soap. Wear appropriate gloves.

16. Other information

Types of use: Kit for the evaluation of pipetting systems and microplate washers using a colorimetric method.

Modification reason: /

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This form completes, but does not replace the technical instructions.

The information indicated here is based on the current state of knowledge about the product concerned, at the time of the update and is presented in good faith. Users are also informed about the risks possibly incurred when a product is used for purposes other than those for which it is designed. The user must always be familiar with and apply all texts governing his/her particular activity. The user is solely responsible for taking the precautions related to use of the product. All of the indicated regulatory requirements are simply designed to help the user meet all of the required obligations when using a dangerous product. This list must not be considered to be exhaustive. It does not relieve the user from his/her responsibility to ensure compliance with all other obligations defined in texts other than those indicated above and governing the possession and use of the product, for which he/she is solely responsible.

Date of creation / up to date: **11 January 2007**
