



IntelliPlex™ SA-PE Solution

REF 80203 **50 mL**

RUO For Research Use Only



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IMPORTANT:

Read the instructions carefully prior to use

1. INTENDED USE

The IntelliPlex™ SA-PE Solution is designed for fluorescent labeling of the target during the assay with IntelliPlex™ 1000 π Code Processor.

2. INTRODUCTION

Streptavidin-phycoerythrin (SA-PE) is a widely used fluorescent tag for fluorescence detection assays. SA-PE specifically binds to biotin, which is labeled on the target analyte beforehand, therefore the detection of analytes can be achieved by quantifying the fluorescent signal.

The IntelliPlex™ 1000 π Code Processor can dispense IntelliPlex SA-PE Solution and complete the fluorescent labeling automatically along with the whole hybridization process. The fluorescent detection relies on optical imaging by PlexBio™ 100 fluorescent analyzer, which utilizes the CCD camera to identify the distinct image patterns of π Code MicroDiscs and quantify the fluorescence signal.

The composition of IntelliPlex SA-PE Solution has been optimized for IntelliPlex™ assays already, so dilution is not needed.

3. WARNINGS AND PRECAUTIONS

- For research use only.
- This SA-PE Solution should be used by qualified laboratory personnel only.
- Do not use the solution past its expiration date.
- Store the solution at 2~8 °C according to the product label and instructions.
- General laboratory precautions should be taken:
 - Do not pipette by mouth.
 - Wear protective clothing (e.g., disposable powderless gloves and laboratory coats) and eye protection.
 - Do not eat, drink or smoke in the laboratory.
 - Wash hands thoroughly after handling samples and reagents.
- Material Safety Data Sheets (MSDS) are available upon request from PlexBio Customer Service.

4. CONTENTS

- Phosphate buffered saline
- Streptavidin-phycoerythrin 0.5 %
- Albumin-from bovine (Biological) 1 %
- Sodium azide < 0.1 %











5. STORAGE, STABILITY AND TRANSPORTATION

The IntelliPlex SA-PE Solution should be kept in the dark at 2~8 °C. The shipping temperature for SA-PE Solution is 2~8 °C. Do not use the IntelliPlex SA-PE Solution after the expiration date. The SA-PE Solution is guaranteed up to the expiration date on the label if handled and stored under the recommended conditions.

6. PROCEDURE

Refer to the user manual of IntelliPlex 1000 π Processor and IntelliPlex assays for complete operation instruction.



7. SYMBOLS

Symbol	Explanation	Symbol	Explanation
	Research Use Only		Catalog number
	Serial number		Consult instructions for use
	Manufacturer		Use by Date
	Temperature limitation		Caution
	Manufacture Date		Batch number

Notice to User

The use of this product and the associated PlexBio instrumentation is covered by one or more issued (US10302640B2, US10436778B2, US10436776B2, US9063044B2, US10019815B2) and pending US and foreign patents owned by PlexBio Co., Ltd. The purchase of this product includes nontransferable rights to use this amount of the product to practice the methods described therein. No general patent or other license of any kind other than this specific right of use from purchase is granted. Further information on purchasing licenses for other applications can be obtained from PlexBio Co., Ltd. 6F-1, No. 351, Yangguang St., Neihu District, Taipei City 11491, Taiwan.

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