EZassay

Lateral flow paper strip for nucleic acid detection Instructions(for RPA)

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Catalog Code: PS-FMBO-48
PS-FMBO-96

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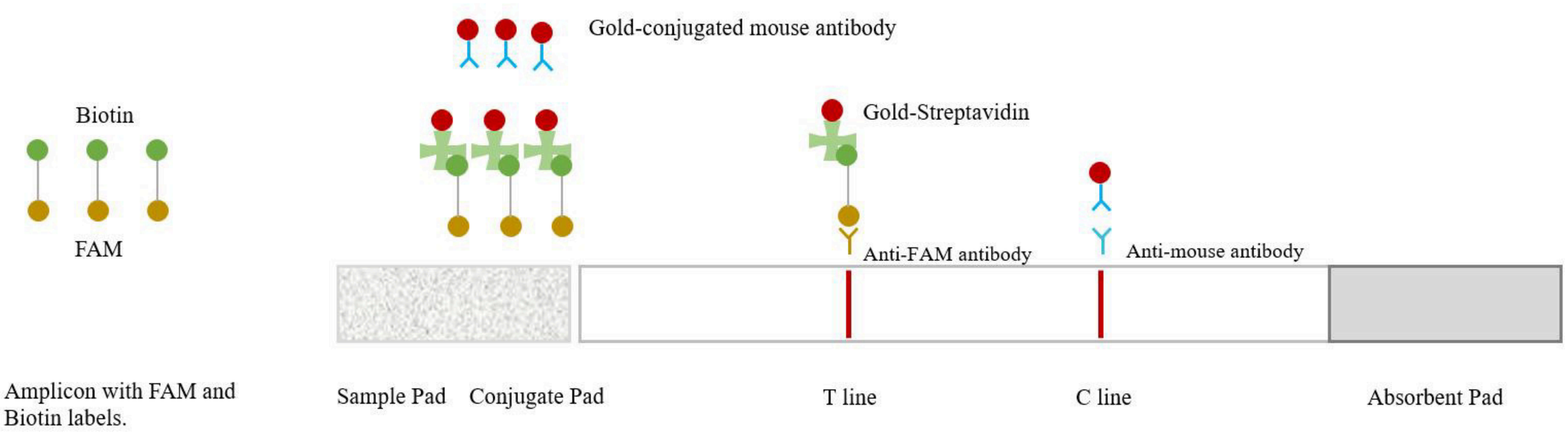
Product Introduction

This product detects FITC/FAM and biotin dual-labeled gene amplification products based on lateral flow technology using gold particles. One primer/probe labeled with biotin and the other with fluorescein isothiocyanate (FITC) or 6-carboxyfluorescein (6-FAM), ensuring that both labels can be incorporated into the double-stranded amplification product at the same time. Recommend to use with EZassayTM products Isothermal DNA amplification Nfo kit (Cat.#: NF-LYO-96)



Materials supplied

Item	PS-FMBO-48	PS-FMBO-96	Store
Lateral flow paper strip (without cassette)	48 tests	96 tests	Room temperature (15- 30°C). Do not freeze. Protected from moisture and direct sunlight.

Procedure

1. Diluent amplification product as needed using diluent buffer or ddH2O.
(Experiments are required to determine the optimal dilution factor. Normally diluent 10~20 times for RPA amplification product. In some tests, for example, LAMP, no dilution is needed.)
2. Transfer 70μL diluent product to sample pad with a pipette. Or simply insert strip into the liquid. (The liquid level should not exceed the MAX line.)
3. Read result in 5 minutes.

Result

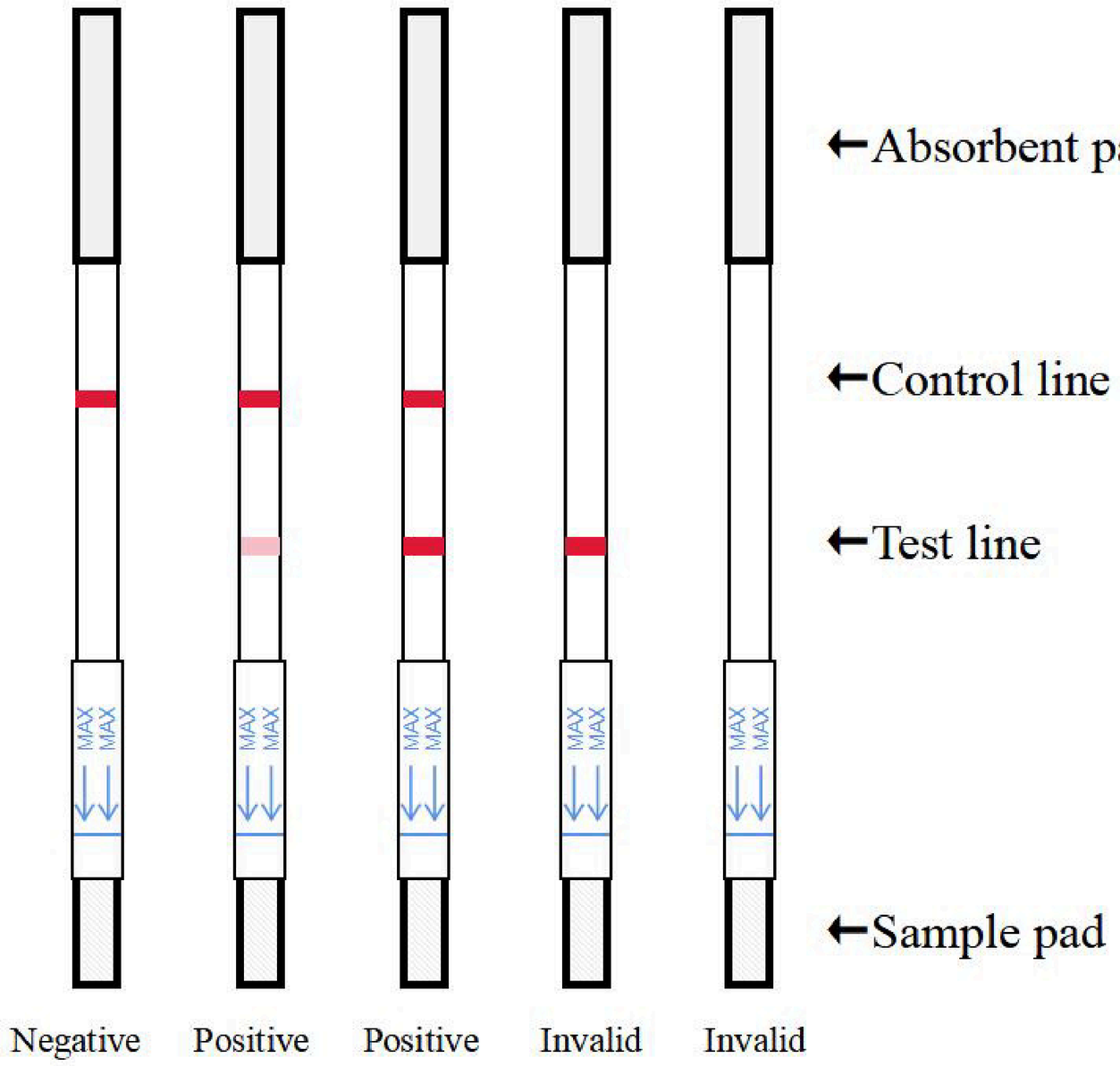


Figure 1: Schematic diagram of the interpretation of the results

Notes

1) Pay attention to carry-over contamination. Suggest performing amplification and observation in different areas. Contact EZassay biotech. technician for solutions of carry-over contamination.
2) Keep sealed. Avoid moisture.
4) Please put the used test strip in a sealed bag and dispose of it properly.

Professional supplier of point-of-care test products

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