

Rapid Test Easy for Sesame

Cat.# M2248

For the Quick Detection of Sesame Protein in PBS

10 tests

For Research or Laboratory Use Only

Not for Use in Diagnostic Procedures

Please read full descriptions in this manual before use

Manufactured by:

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Table of Contents

1. Intended Use 3

2. Description of the Product 3

3. Kit Components 4

4. Preparation of the Test Solution and Test Procedure 5

5. Results 7

6. Warranties 8

7. Product Lineup 8

Warnings

1. Store the kit at 2–30°C (35–86°F), and DO NOT FREEZE.
2. Do not use the kit after the expiration date indicated on the box.

1. Intended Use

Rapid Test Easy for Sesame is intended for a quick detection of sesame protein on environmental surfaces.

NOTE

For testing proteins of allergenic ingredients in food samples, use Sesame ELISA Kit II (Cat.# M2121).

2. Description of the Product

- A qualitative test in lateral flow immunoassay format for visual detection
- A simple sample preparation procedure
- Provide test results in 10 minutes
- Performance characteristics of the kit are shown in Table1.

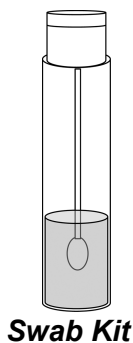
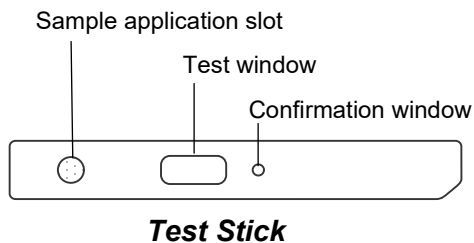
Table 1. Performance characteristics

Limit of detection	0.5 ppm (µg of sesame protein / mL of swab solution)
Specificity	The antibody reacts with sesame 11S globulin

Intended Use	Description	Kit Components	Preparation and Test	Results
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3. Kit Components

Component	Amount
Test Stick	10 packs (1 stick/pack)
Swab Kit	10 bottles (10 mL of PBS/bottle)



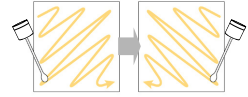
4. Preparation of the Test Solution and Test Procedure

Precautions

- ✓ Prior to use, adjust the temperature of the **Test Stick** to 20–30°C (68–86°F) and open the package just before use. At low temperature the **Test Stick** may not work properly.
- ✓ The **Test Solution** should be tested at room temperature (20–30°C / 68–86°F).
- ✓ The presence of detergent, bleach or chlorine in the **Test Solution** may affect assay results.
It is recommended to check the influence before use.
- ✓ Do not touch either the sample application slot or the test window of the **Test Stick**.

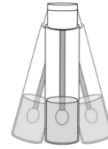
Intended Use	Description	Kit Components	Preparation and Test	Results
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1. Open a screw cap of the **Swab Kit**, and squeeze the swab bud to remove excess moisture.
2. Thoroughly wipe across (zigzagging) the specified surface area of 10 cm × 10 cm with the swab 1st pass in diagonal, and a 2nd pass in diagonal perpendicular to the 1st pass .



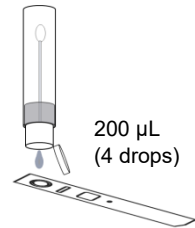
Wipe an area of
10 cm × 10 cm

3. Place the swab into the bottle, cap tightly and shake it vigorously, not in a vertical direction. The resulting swab solution is referred to as **Test Solution**.



Shake vigorously

4. Place the **Test Stick** horizontally. Open the lid and invert the **Swab Kit**. Add 200 µL (4 drops) of the **Test Solution** to the sample application slot by squeezing.



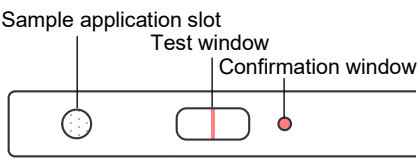
Intended Use	Description	Kit Components	Preparation and Test	Results
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5. Results

- Incubate the **Test Stick** for exactly 10 minutes at room temperature on a flat and horizontal surface.
- Immediately interpret the results in the test window as described below.

a) Positive:

A red line in a test window together with red color in a confirmation window.



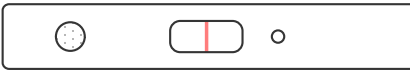
b) Negative:

No line in a test window together with red color in a confirmation window.



c) Invalid:

No color in a confirmation window.



NOTE

If there is no color in a confirmation window, retest with a new **Test Stick**.

False-negative results may occur depending on the condition of the target protein.

If false-negative results occur at high concentrations of the target protein (hook effect), retest with a diluted **Test Solution**.

6. Warranties

Morinaga BioScience, Inc. makes no warranty of any kind, either expressed or implied, except that the materials from which its products are made are of standard quality. Buyer assumes all risk and liability resulting from the use of this product. There is no warranty of merchantability of the product, or of the fitness of the product for any purpose. Morinaga BioScience, Inc. agrees to replace any defective product, but expressly disclaims liability for damages, including special or consequential damage, or expenses arising directly or indirectly from the use of this product.

7. Product Lineup

- ◆ Rapid Test Easy for Egg (Cat.# M2241)
- ◆ Rapid Test Easy for Casein (Cat.# M2242)
- ◆ Rapid Test Easy for Gluten (Cat.# M2243)
- ◆ Rapid Test Easy for Buckwheat (Cat.# M2244)
- ◆ Rapid Test Easy for Peanut (Cat.# M2245)
- ◆ Rapid Test Easy for Soya (Cat.# M2246)
- ◆ Rapid Test Easy for Crustacean (Cat.# M2247)

Intended Use	Description	Kit Components	Preparation and Test	Results
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