

**Fast and Effective
Allergen Testing**



MORINAGA

RAPID TEST

For food allergens

PRO



Characteristics

- Ready-to-use extraction solution
- Profitable
- Allergen detection in highly processed and heated foods
- Qualitative Essay
- No additional solutions or buffers are required for testing

HyServe

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Sample Preparation



Food Sample

Mix the sample with the sample extraction solution.



Swab sample

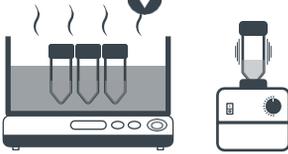
Control critical point swab and mix the swab with sample extraction solution.



Rinse water

Collect the rinse water and add the sample extraction solution.

Recommended Extraction



1. Boil the flasks in a boiling water bath.
2. Vortex and dilute the sample extract tenfold.

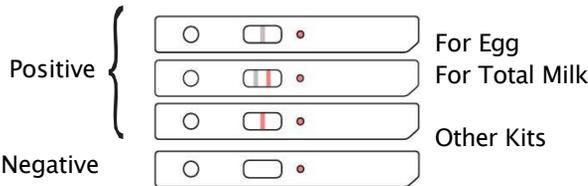
Simplified extraction



Shake in a vortex and dilute the sample extract by 10 times.



Add 200 μ L to the test strip and test after 15 minutes.



.A black line in a test window along with a red color in a confirmation window represents a positive allergen test for egg.

.Two lines, one black and one red in a test window along with a red color in a confirmation window represents a positive allergen test for total milk.

.A red line in a test window along with a red color in a confirmation window represents a positive allergen test for other kits.

Item-No.	Kit Specifications	Detection Limit for food (μ g protein / g food)	Limit of Detetion for Hisopate (1 μ g protein/swab)
1500 001	Egg (Ovalbumin)	5 ppm	0.8 μ g protein /Swab
1500 002	Total Milk	(Casein) Black Line → 4 ppm →	0.1 μ g protein /Swab
		(β -lactoglobulin) Red Line → 0.5 ppm →	0.8 μ g gluten /Swab
1500 003	Gluten (Gliadin)	4 ppm	1 μ g protein /Swab
1500 004	Soy (Multiple Proteins)	5 ppm	1 μ g protein /Swab
1500 005	Pea nut (β -conglycinina)	5 ppm	1 μ g protein /Swab
1500 015	Buckwheat (Multiple Proteins)	5 ppm	1 μ g protein /Swab
1500 022	Crustaceans (Tropomyosin)	5 ppm	1 μ g protein /Swab
1500 023	Shellfish (Tropomyosin)	5 ppm	1 μ g protein /Swab
1 500 024	Walnut (2S alubumin)	5 ppm	1 μ g protein / Swab

Conservation and shelf life

Conservation: 2-30°C (35 to 86°F), do not freeze.

Expiry Date: 12 months (after manufacture)

Rehearsal Time: 15 Minutes

Kit Components: 1 x Box with 10 Tests

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