

Validation Report

Rapid Test Easy for Soya

Cat.# M2246

The quick detection for soya proteins
in swabs and clean-in-place rinse water

Detection Limit **0.5 µg/mL soya protein**

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1. Scope

The Rapid Test Easy for Soya is a lateral flow method for quick determination of whether there are residual soya proteins of allergenic ingredients in swabs and Clean-in-place rinse water. Water or phosphate buffered-saline (PBS(-)) can be used to prepare test solutions.

2. Overview

Detection protein	β -conglycinin
Detection limit	0.5 μ g/mL soya protein
Reaction time	10 min

3. Sensitivity

Soya protein concentration	in water	in PBS(-)
0 ppm	-	-
0.5 ppm	+	+
20 ppm	+	+
500 ppm	+	+
2000 ppm	\pm	-

+: Positive \pm : Weak positive
-: Negative

*Protein concentration was valued using a 2-D Quant Kit (GE Health care)

4. Confirmation of Prozone Phenomenon

Material	in water	in PBS(-)
0.1% Soya	+	+

5. Cross-Reactivity

Material	0.1 % material in water	0.1 % material in PBS(-)
Egg	-	-
Wheat	-	-
Buckwheat	-	-
Milk	-	-
Corn flour	-	-
Peanut (Roasted)	-	-
Rice flour	-	-
Corn flour	-	-
Shrimp	-	-
Crab	-	-