

# Allergen Lateral Flow IIR

*High -performance qualitative assay*



- Egg (Ovalbumin)
- Casein
- Gluten (Gliadin)
- Peanut
- Buckwheat

★Superior to detect allergen in highly processed foods by special extraction solution and unique antibody

★Available for various samples

(Raw material, swab, rinse, and finished products)

★Easy to use and fast assay

Performance	
Sample preparation time	within 30 min
Assay time	15 min (Buckwheat : 25 min)
Detection limit for food	5 ppm ( $\mu\text{g}$ protein /g food)
Test sticks	20 sticks/kit



## Direct Apply (for Casein and Gluten)

## Simplified Extraction Method

## Recommended Extraction Method

Swab test



Wipe off a specified surface area



Suspend swab samples



Apply 200  $\mu$ L  
(5 or 6 drops)  
Detection limit:25ng/mL



Homogenize food sample



Mix homogenized sample with  
Sample Extraction Solution



Dilute the  
Sample Extract  
10-fold



Apply 200  $\mu$ L  
(5 or 6 drops)  
Detection limit:5ppm



Homogenize food sample



Mix homogenized sample with  
Sample Extraction Solution



Expose in boiling  
water  
for 10 min

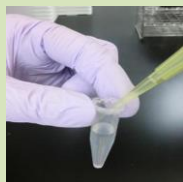


Dilute the  
Sample Extract  
10-fold



Apply 200  $\mu$ L  
(5 or 6 drops)  
Detection limit:5ppm

Rinse



Prepare  
rinse



Apply 200  $\mu$ L  
(5 or 6 drops)  
Detection limit:25ng/mL

Result

*Positive*

*Negative*

