

# bioavid Diagnostics

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## Lateral Flow Principles / Standards

### Allergen Detection Test Kits

All reagents are provided with the kit, offer superior stability and storage at room temperature

#### Test procedure

Add 0.2 ml corresp. to 7 drops Running Buffer into a Reaction Vial

Add 0.1 ml corresp. to 2 drops prepared sample into the Reaction Vial

Incubate for 5 min

Insert an Allergen Test Strip into the Reaction Vial

Read the result after 5 min

1 line indicates a valid **negative** result  
2 lines indicate a valid **positive** result

Total assay time: 10 minutes



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## Lateral Flow Principles / Standards

### Sample Preparation

#### Allergen Swab-Test (Kit)

All reagents except distilled water are contained in the kit, offer long stability and storage at room temperature

Add 1 ml distilled water into a Sample Vial

Add 0.1 ml corresp. to 3 drops Buffer Concentrate

Insert a Swab into the Sample Vial and moisten it

Swab the area of interest

Insert the Swab into the Sample Vial again, mix and press to the side of the vial to release the material from the Swab

Add 0.1 ml into a test

Sampling time: less than 2 min



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## Lateral Flow Principles / Standards

### Sample Preparation Food Products (except chocolate)

For Nuts; Nut mixtures and Bakery

Weigh 50 g of the sample  
Weigh 4 g salt

Pour into a mixer and add 450 ml dist. water  
Homogenize for 5 min

Filter, centrifuge or allow homogenate to settle

From the aqueous phase add 0.1 ml, corresp. to 2 drops into the assay

Total time for sample preparation: less than 10 min

