

Instructions For Use

Lateral Flow Almond

Intended Use

The test kit is used for the qualitative detection of almond residues in environmental samples (e.g. in food production lines).

Storage

Store the test kit at room temperature (2 – 25°C). Do not use the kit beyond the expiration date printed on the label of the box.

Kit Contents

The test kit is available for 25, 50, or 100 determinations

Art. No.: 601-25; 601-50; 601-100

601-25	601-50	601-100	Contents
25	50	100	Reaction Vials – containing labelled antibodies in stabilized dried form
25	50	100	Allergen Test Strips – for the detection of antigen-antibody complexes
1	1	2	Dropper Bottle(s) with Running Buffer (10 ml)
1	1	1	Positive Control (reconstitute with 1 ml water; use 0.1 ml per test)

Procedure

Swab Samples: Swab the area of interest with a clean cotton swab moistened with PBS-Tween^{*)}. Release the sample from the swab into 1 ml PBS-Tween. Add 0.1 ml into the assay.

Note: Swabbing kits that contain all materials for 25 or 100 swabs are available (Art. No.: S800-25 or S800-100).

CIP water: Add 0.1 ml directly into the assay.

Assay: Note your sample ID, open the Reaction Vial.

Add 7 drops or 0.2 ml of Running Buffer into the Reaction Vial.

Add 2 drops or 0.1 ml of an extracted sample or CIP water into the Reaction Vial.

Mix the content by carefully tapping the vial on the desk a few times.

Incubate for **5 minutes**.

Insert an Allergen Test Strip into the Reaction Vial (close the strip container again).

Read the result after **5 minutes**.

Interpretation of the result

One or 2 purple lines should appear in the reaction field on the strip. The upper line is the control line (C). It indicates that the test has been performed correctly. The lower band is the test line (T). It indicates the presence of the target residue in the sample.

One line is read as a valid **negative** result

Two lines are read as a valid **positive** result

Limitation

The test format is able to detect almond residues at a level of 1 ppm in buffer. Only presence or absence of an analyte can be determined, but no quantitative result can be given.

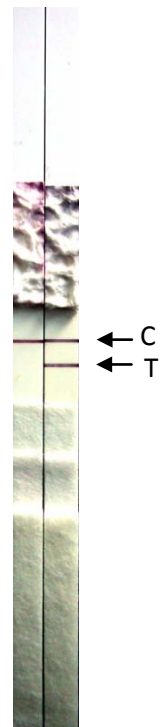
Note

The photograph shows two Allergen Test Strips in actual size. The left one shows a negative result and the right one is positive.

More protocols for test procedures are available on request.

^{*)} PBS-Tween:

8.0 g Sodium Chloride (NaCl); 0.2 g Potassium Chloride (KCl); 1.44 g Disodium hydrogen phosphate x 2 H₂O (Na₂HPO₄), 0.24 g Potassium dihydrogen phosphate (KH₂PO₄), 2 ml Tween 20 per L distilled water, pH 7.2 – 7.5



Instructions For Use

Lateral Flow Egg

Intended Use

The test kit is used for the qualitative detection of raw egg and egg powder residues in environmental samples (e.g. in food production lines). Please read the extended instructions for use before commencing the test the first time (available in the internet at www.bioavid.de).

Storage

Store the test kit at room temperature (2 – 25°C).
Do not use the kit beyond the expiration date printed on the label of the box.

Kit Contents

The test kit is available for 10 or 25 determinations. Art. No.: BL 608-10; BL 608-25

608-10	608-25	Contents
10	25	Reaction Vials – containing labeled antibodies in stabilized dried form
10	25	Allergen Test Strips – for the detection of antigen-antibody complexes
1	1	Dropper Bottle with Running Buffer (10 ml)
1	1	Positive Control (reconstitute 5 min with 1 ml water; use 0.1 ml per test)

Procedure

Swab Samples: Swab the area of interest with a clean cotton swab moistened with PBS-Tween *). Release the sample from the swab into 1 ml PBS-Tween squeezing the swab in the vial. Add 0.1 ml into the assay.

Note: Swabbing kits that contain all materials for 25 swabs are available (Art. No.: BS 800-25; BS 801-25).

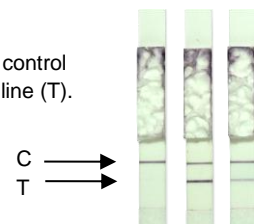
CIP water: Add 0.1 ml directly into the assay.

Assay: Note your sample ID, open the Reaction Vial.
Add 7 drops or 0.2 ml of Running Buffer into the Reaction Vial.
Add 2 drops or 0.1 ml of an extracted sample or CIP water into the Reaction Vial.
Mix the content by carefully tapping the vial on the desk a few times.
Incubate for **5 minutes**.
Insert an Allergen Test Strip into the Reaction Vial (close the strip container again).
Read the result **at 3 minutes**.

Interpretation of the result

One or 2 purple lines should appear in the reaction field on the strip. The upper line is the control line (C). It indicates that the test has been performed correctly. The lower band is the test line (T). It indicates the presence of the target residue in the sample.

One line is read as a valid **negative** result
Two lines are read as a valid **positive** result



Limitation

The test format is able to detect residues of sprayed egg powder down to 1 ppm.. Only presence or absence of an analyte can be determined, but no quantitative result can be given. The kit is not suitable to detect heat treated egg sensitively. Very high concentrations of egg in a sample (> 1000 ppm) may reduce the intensity of the test line, or suppress its formation completely. If a sample is supposed to contain such high concentrations of an analyte, higher dilution of the sample is recommended (1:100).

Note

The photograph shows three Allergen Test Strips. The left one shows a negative result and the other two are positive (line at T). More protocols for test procedures are available on request.

*) PBS-Tween:
8.0 g Sodium Chloride (NaCl); 0.2 g Potassium Chloride (KCl); 1.44 g Disodium hydrogen phosphate x 2 H₂O (Na₂HPO₄),
0.24 g Potassium dihydrogen phosphate (KH₂PO₄), 2 ml Tween 20 per L distilled water, pH 7.2 – 7.5

Instructions For Use

Lateral Flow Sesame

Intended Use

The test kit is used for the qualitative detection of sesame residues in environmental samples (e.g. in food production lines). Please read the extended instructions for use before commencing the test the first time (available in the internet at www.bioavid.de).

Storage

Store the test kit at room temperature (2 – 25°C). Do not use the kit beyond the expiration date printed on the label of the box.

Kit Contents

The test kit is available for 10, 25, 50, or 100 determinations. Art. No.: BL 609-10; BL 609-25; BL 609-50; BL 609-100

609-10	609-25	609-50	609-100	Contents
10	25	50	100	Reaction Vials – containing labeled antibodies in stabilized dried form
10	25	50	100	Allergen Test Strips – for the detection of antigen-antibody complexes
1	1	1	2	Dropper Bottle(s) with Running Buffer (10 ml)
1	1	1	1	Positive Control (reconstitute with 1 ml water; use 0.1 ml per test)

Procedure

Swab Samples: Swab the area of interest with a clean cotton swab moistened with PBS-Tween *). Release the sample from the swab into 1 ml PBS-Tween. Add 0.1 ml into the assay.

Note: Swabbing kits that contain all materials for 25 or 100 swabs are available (Art. No.: BS 800-25 or BS 800-100).

CIP water: Add 0.1 ml directly into the assay.

Assay: Note your sample ID, open the Reaction Vial.

Add 7 drops or 0.2 ml of Running Buffer into the Reaction Vial.

Add 2 drops or 0.1 ml of an extracted sample or CIP water into the Reaction Vial.

Mix the content by carefully tapping the vial on the desk a few times.

Incubate for **5 minutes**.

Insert an Allergen Test Strip into the Reaction Vial (close the strip container again).

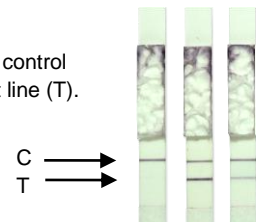
Read the result after **5 minutes**.

Interpretation of the result

One or 2 purple lines should appear in the reaction field on the strip. The upper line is the control line (C). It indicates that the test has been performed correctly. The lower band is the test line (T). It indicates the presence of the target residue in the sample.

One line is read as a valid **negative** result

Two lines are read as a valid **positive** result



Limitation

The test format is able to detect residues of soy down to 1 ppm. Only presence or absence of an analyte can be determined, but no quantitative result can be given. Very high concentrations of sesame in a sample (>> 1000 ppm) may reduce the intensity of the test line, or suppress its formation completely. If a sample supposedly contains such high concentrations of an analyte, higher dilution of the sample is recommended (1:100).

Note

The photograph shows three Allergen Test Strips. The left one shows a negative result and the other two are positive (line at T).

More protocols for test procedures (e.g. for solid samples) are available on request.

*) PBS-Tween:

8.0 g Sodium Chloride (NaCl); 0.2 g Potassium Chloride (KCl); 1.44 g Disodium hydrogen phosphate x 2 H₂O (Na₂HPO₄), 0.24 g Potassium dihydrogen phosphate (KH₂PO₄), 2 ml Tween 20 per L distilled water, pH 7.2 – 7.5

Instructions For Use

Lateral Flow Crustacean

Intended Use

The test kit is used for the qualitative detection of crustacean residues in environmental samples (e.g. in food production lines). Please read the extended instructions for use before commencing the test the first time (available in the internet at www.bioavid.de).

Storage

Store the test kit at room temperature (2 – 25°C). Do not use the kit beyond the expiration date printed on the label of the box.

Kit Contents

The test kit is available for 10 or 25 determinations. Art. No.: BL 616-10; BL 616-25

616-10	616-25	Contents
10	25	Reaction Vials – containing labeled antibodies in stabilized dried form
10	25	Allergen Test Strips – for the detection of antigen-antibody complexes
1	1	Dropper Bottle with Running Buffer (10 ml)
1	1	Positive Control (reconstitute 5 min with 1 ml water; use 0.1 ml per test)

Procedure

Swab Samples: Swab the area of interest with a clean cotton swab moistened with PBS-Tween *). Release the sample from the swab into 1 ml PBS-Tween squeezing the swab against the vial. Add 0.1 ml into the assay.

Note: Swabbing kits that contain all materials for 25 swabs are available (Art. No.: BS 800-25, BS 801-25).

CIP water: Add 0.1 ml directly into the assay.

Assay: Note your sample ID, open the Reaction Vial.

Add 7 drops or 0.2 ml of Running Buffer into the Reaction Vial.

Add 2 drops or 0.1 ml of an extracted sample or CIP water into the Reaction Vial.

Mix the content by carefully tapping the vial on the desk a few times.

Incubate for **5 minutes**.

Insert an Allergen Test Strip into the Reaction Vial (close the strip container again).

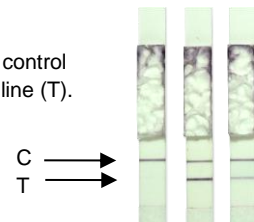
Read the result at **5 minutes**.

Interpretation of the result

One or 2 purple lines should appear in the reaction field on the strip. The upper line is the control line (C). It indicates that the test has been performed correctly. The lower band is the test line (T). It indicates the presence of the target residue in the sample.

One line is read as a valid **negative** result

Two lines are read as a valid **positive** result



Limitation

The test format is able to detect residues of crustacean proteins down to 10 ppm. Only presence or absence of an analyte can be determined, but no quantitative result can be given. Very high concentrations of crustacean in a sample (> 1000 ppm) may reduce the intensity of the test line, or suppress its formation completely. If a sample is supposed to contain such high concentrations of an analyte, higher dilution of the sample is recommended (1:100).

Note

The photograph shows three Allergen Test Strips. The left one shows a negative result and the other two are positive (line at T).

More protocols for test procedures (e.g. for solid samples) are available on request.

*) PBS-Tween:

8.0 g Sodium Chloride (NaCl); 0.2 g Potassium Chloride (KCl); 1.44 g Disodium hydrogen phosphate x 2 H₂O (Na₂HPO₄), 0.24 g Potassium dihydrogen phosphate (KH₂PO₄), 2 ml Tween 20 per L distilled water, pH 7.2 – 7.5

Instructions For Use

Lateral Flow Milk

Intended Use

The test kit is used for the qualitative detection of milk residues in environmental samples (e.g. in food production lines).

Storage

Store the test kit at room temperature (2 – 25°C). Do not use the kit beyond the expiration date printed on the label of the box.

Kit Contents

The test kit is available for 25, 50, or 100 determinations

Art. No.: BL 613-25; 613-50; 613-100

613-25	613-50	613-100	Contents
25	50	100	Reaction Vials – containing labelled antibodies in stabilized dried form
25	50	100	Allergen Test Strips – for the detection of antigen-antibody complexes
1	1	2	Dropper Bottle(s) with Running Buffer (10 ml)
1	1	1	Positive Control (reconstitute with 1 ml water; use 0.1 ml per test)

Procedure

Swab Samples: Swab the area of interest with a clean cotton swab moistened with PBS-Tween^{*)}. Release the sample from the swab into 1 ml PBS-Tween. Add 0.2 ml into the assay.

Note: Swabbing kits that contain all materials for 25 or 100 swabs are available (Art. No.: S800-25 or S800-100).

CIP water: Add 0.2 ml directly into the assay.

Assay: Note your sample ID, open the Reaction Vial.

Add 7 drops or 0.2 ml of Running Buffer into the Reaction Vial.

Add 4 drops or 0.2 ml of an extracted sample or CIP water into the Reaction Vial.

Mix the content by carefully tapping the vial on the desk a few times.

Incubate for **5 minutes**.

Insert an Allergen Test Strip into the Reaction Vial (close the strip container again).

Read the result after **4 minutes**.

Interpretation of the result

One or 2 purple lines should appear in the reaction field on the strip. The upper line is the control line (C). It indicates that the test has been performed correctly. The lower band is the test line (T). It indicates the presence of the target residue in the sample.

One line is read as a valid **negative** result

Two lines are read as a valid **positive** result

Limitation

The test format is able to detect milk residues at a level of 1 ppm in buffer. Only presence or absence of an analyte can be determined, but no quantitative result can be given.

Note

The photograph shows two Allergen Test Strips in actual size. The left one shows a negative result and the right one is positive.

More protocols for test procedures are available on request.

^{*)} PBS-Tween:

8.0 g Sodium Chloride (NaCl); 0.2 g Potassium Chloride (KCl); 1.44 g Disodium hydrogen phosphate x 2 H₂O (Na₂HPO₄), 0.24 g Potassium dihydrogen phosphate (KH₂PO₄), 2 ml Tween 20 per L distilled water, pH 7.2 – 7.5

