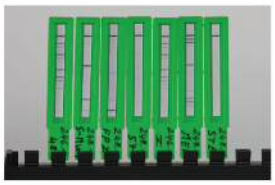
(4) Pipette 250 µl (AllergyScreen®) or 300 µl (AlleisaScreen®) detection antibody in each through. Slide the comb into the incubation box and incubate the membranes for another 45 minutes on the ScreenShaker at ambient temperature.

(5) Wash the membranes as described under (3).

(6) Give 250 µl (AllergyScreen®) or 300 µl (AlleisaScreen®) of the streptavidin conjugate in each reaction through. Replace the comb into the incubation box and incubate the membranes for exactly 20 minutes on the ScreenShaker.

(7) Wash the membranes as described under (3) but rinse each membrane **ten** times.

(8) Add 250 µl (AllergyScreen®) or 300 µl (AlleisaScreen®) of the substrate into each reaction through. Slide the comb into the incubation box and replace it on the ScreenShaker. Incubate the membranes for exactly 20 minutes at ambient temperature on the Shaker.



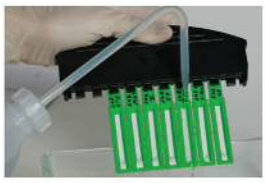
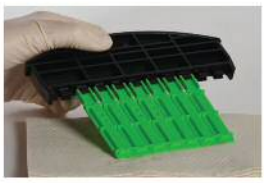
(9) Rinse each membrane several times under running water. Leave the membranes to dry at the air or use a conventional hairdryer. The background of the membranes will turn white, while the control line and positive tested allergens will stay purple. **Note:** Do not analyze the membranes until they are completely dry.

AllergyScreen® / AlleisaScreen®

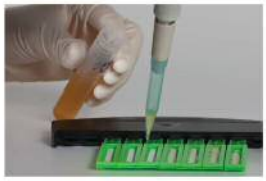
easy to handle - fast to proceed - concise results

You need:
A wash bottle, a graduated cylinder, a ScreenShaker, a comb (through holder), an incubation box, a 100 µl – 1000 µl pipette, a timer and some gloves.

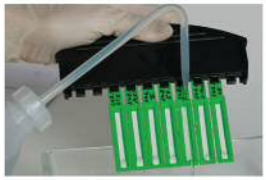
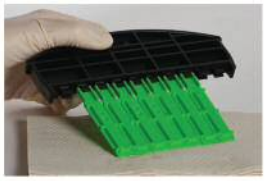
Precautions:
Sera and all solutions used should have ambient temperature (20°C-22°C).
Dilute the washing buffer concentrate (1:25).

(1) Wet the membranes with washing buffer. Remove the washing buffer by gently tapping the through on a paper towel. The membranes should be wet but no surplus buffer should be on the membranes. **Note:** The paper towels must not be in direct contact with the membranes.



(2) Pipette 250 µl serum (AllergyScreen®) or 300 µl serum (AlleisaScreen®) into the trough. Take care that the membranes are completely covered. Do not touch the membrane with the tip to avoid damages to the nitrocellulose surface of the membrane.
Carefully slide the comb into the incubation box. Note that the burlings are on the top of the box. Place the incubation box onto the incubation shaker and turn it on. Incubate the membranes for 45 minutes at ambient temperature.

(3) Carefully take the comb out of the box. Remove the sera by rinsing the through with the washing buffer. Rinse each membrane five times thereby shake the washing buffer in the trough for some seconds. Remove the surplus by gently tapping the comb on paper towels.
Note: Avoid cross contaminations with different patient sera.