Instructions and Results Photo Report

5127OTAW[1]04.22

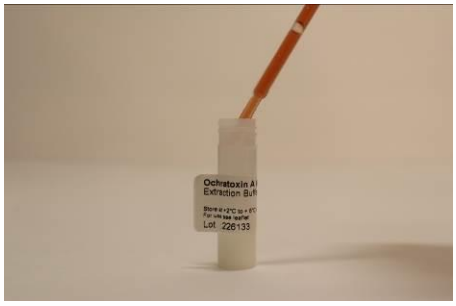
5127OTAW/Photo[1]04.21

Prepared for: General use

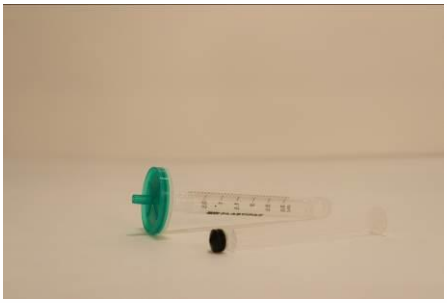
Manual: 5127OTAW[1]04.22

A. Sample preparation & Assay procedure

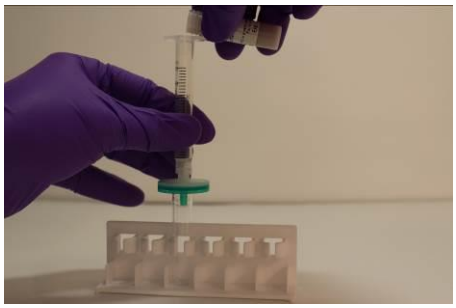
1. Add 1 ml of wine to an extraction buffer vial (Extract). Use a Pasteur pipette provided in the kit to measure this 1 ml or use a single channel pipette (100 µl – 1000 µl). Shake by hand for 1 minute.
2. Remove a plunger from a syringe and attach a filter to the syringe.
3. Mix the content of the extraction vial well and pour quickly into the syringe. Place the plunger back onto the syringe.
4. Filter the sample and collect the filtrate into a clean sample tube/container. The sample extract is ready to use in the test (stable for at least 1 hour).
5. Add 0.75 ml of the filtered sample extract to a reaction vial (React). Use a Pasteur pipette provided in the kit to measure this 0.75 ml or use a single channel pipette (100 µl – 1000 µl). Mix by swirling and incubate for 5 minutes at room temperature.
6. Pour the content of the reaction vial onto the membrane window of a FTR device. Allow liquid to flow-through completely.
7. Add 5 drops of wash buffer (Wash). Allow liquid to flow-through completely.
8. Add 3 drops of substrate (Colour) and incubate for 2 minutes.
9. Add 2 drops of wash buffer (Wash, white cap) onto the device. Allow the liquid to flow-through completely
10. Read the result



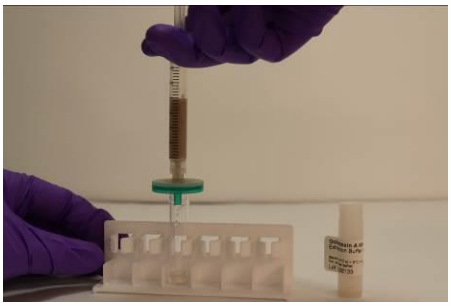
1a. Add 1 ml of wine to an extraction vial. Close the vial and shake well for 1 min.



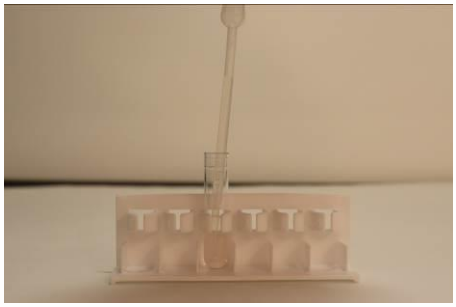
2a. Remove a plunger from a syringe and attach a filter to the syringe.



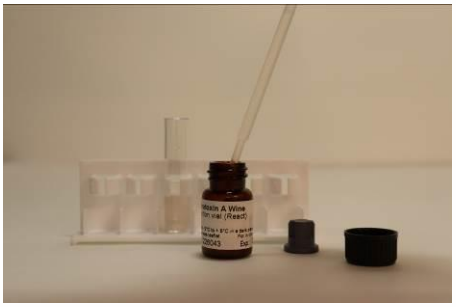
3a. Mix the content of the extraction vial and pour quickly into the syringe.



4a. Attach the plunger and filter the sample into a clean sample tube/container. The filtrate is now ready to use.



5a. Collect 0.75 ml of the filtrate.



5b. Add the filtrate to a reaction vial. Mix by swirling.

5c. Incubate the reaction vial with wine filtrate for 5 min.

6. Pour the content of the extraction vial onto a FTR device. Allow the liquid to flow-through completely.

7a. Take a vial with wash buffer from the kit (Wash, white cap).

7b. Add 5 drops of wash buffer onto the device. Allow liquid to flow-through completely.

8a. Take a vial with substrate from the kit (Colour, blue cap).

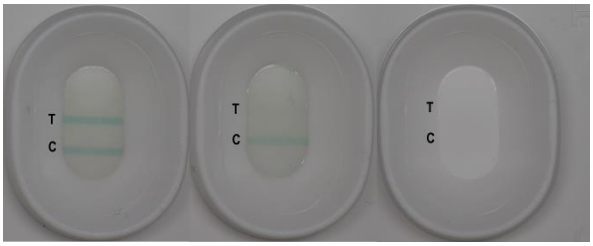
8b. Add 3 drops of substrate onto the device.

8c. Incubate the device for 2 min.

9. Add 2 drops of wash buffer (Wash, white cap) onto the device. Allow the liquid to flow-through completely.

10. Read the result. Take a photo if needed.

B. Interpretation of Results



Negative Positive Invalid

If the sample is negative for OTA (<1 µg/l) then two blue coloured lines appear (C + T).
If the sample is positive for OTA (≥1 µg/l) then only one blue coloured line (control line) appears (C).
The test is invalid when no blue coloured line appears. The sample should be retested.

C. Examples of results

Type of Wine	OTA concentration 0 µg/l	OTA concentration 0.5 µg/l	OTA concentration 1 µg/l
White			
Red			
Rosé