

Rapid ISAV Ag Kit

■ Product Information

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■ Product No.

Rapid ISAV

■ Product Description

This is a rapid chromatographic immunoassay for the qualitative detection of Infectious Salmon Anaemia Virus (ISAV) in fish kidney. The lateral flow kit has both a control line and a test line that are not visible before conducting the test. The control line is a procedural control and a purple line will always appear there if the test is carried out properly.

A purple line will be visible in the test line when the sample added contains ISAV. This is a positive result.

The ISAV antibodies used in the test line enable the kit to identify ISAV antigen in fish kidney with a high degree of accuracy.

■ Use of product

The Lateral Flow kit is designed to rapidly detect ISAV in the laboratory or in the field .

■ ISAV Kit Box Contents

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- Ten Rapid ISAV Ag tests
- Ten specimen bags
- Ten tubes of specimen buffer (1ml per tube)
- Twenty disposable droppers
- One instruction leaflet

■ Storage and Stability

The kit should be stored at room temperature or refrigerated (2~4°C). The test kit is stable as per the expiry date marked on the packaging.

DO NOT FREEZE. Do not store the kit in direct sunlight.

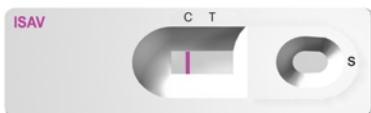
■ Procedure

- Label specimen bag
- Add 1 tube of buffer (1 ml) to the specimen bag using disposable dropper provided.
- Collect samples of fish kidney
- Place a small piece (~100mg) of tissue into the specimen bag and seal bag
- Use a pen or similar object to flatten the sample in the sample bag by running the pen over the tissue. Move the pen back and forth over the tissue to break it up.
- Remove the test device from the foil pouch and place it on a flat, dry surface.
- Allow the tissue to settle to one corner of the bag, by holding the bag upright at an angle for approx 1 min. Using a new disposable dropper take up a sample of the supernatant from the tissue sample.
- Add 4 drops of supernatant into the sample hole on the test device.
- Wait for 1~5 min until lines develop in the kit. If the test has been carried out correctly a purple line will appear at the control line. If the sample is positive a purple line will appear at the test line.
- Interpret the test results within 5~10 min. Do not interpret the results after 20 min.

■ Interpretation of Results

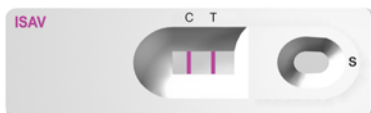
1. Negative Result

The presence of only one line within the result window at the control line.



2. Positive Result

The presence of two lines within the result window. One line at the control and the other at the sample.



3. Invalid Result

If no lines appear at all within the result window. The directions may not have been followed correctly or the test may have deteriorated. In this case it is recommended that the sample be re-tested.



■ Limitations of the test

Although the Lateral Flow ISAV kits are very accurate in detecting ISAV antigen, a low incidence of false results can occur. Other available tests are required if questionable results are obtained. As with all diagnostic tests, a definitive clinical diagnosis should not be based on the results of a single test, but should only be made by the veterinarian after all clinical and laboratory findings have been evaluated.

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