

Q-TEST

White Spot Syndrome Virus



วิธีอ่านผล

Reading the result



WSSV Positive+



พบเชื้อโรคตัวแดงดวงขาว

any viruses Negative-



ไม่พบเชื้อ

The reddish purple bands on the W and control (C) lines indicate WSSV and infection respectively.

If a band only occurs at the C line, indicates the negative result or the infection is too low to be detected by the test kit.

BENEFITS

- Easy to use: The method is must simple and unskilled person can do at pond site without any additional equipment.
- Low cost: Testing cost lower than that of PCR
- Virus-spread control: Real-time result help to stop virus epidemics immediately

CAUTIONS

- (1) This test kit is for primary screening or confirmation of the WSSV infection. The negative result should be confirmed by PCR or RT-PCR or immunohistochemistry.
- (2) The light gray line may be observed at the W line while the strip is still wet. It indicates the deposition of haemocyanin. It is still considered as negative result.
- (3) Gill and lower part of the swimmeret is the best source since they consist of large area of epithelium, the target of WSSV infection. The amount of tissues should increase if smaller size of shrimp was used.
- (4) To prevent contamination of the virus, all materials contacted with the sample should be treated with dilute bleach (hypochlorite) solution before discard or reuse.

APPLICATION

Detection of WSSV in shrimp tissue within 15-30 min

SPECIFICATIONS:

- Shelf-life : 3 year from date of manufacture
Storage : Product should be kept in its original package and stored in a cool, dry location away from direct sunlight.
Packaging : 5 sets/ box

วิธีทดสอบ / Test Procedure



1. ตัด A หรือ B หรือ C 1 ชิ้น บดในสารละลายบัฟเฟอร์ให้ละเอียด
2. ดูดส่วนน้ำใส 0.15-0.2 มล. ลงในช่องของชุดตรวจ 6-8 หยด อ่านผลภายใน 15-30 นาที
1. Squash the tissue sample such as 1 strip of gill, 1 walking leg or 1 swimmeret (from shrimp with 15-20 gram body weight) in 0.3 ml buffer provided in the microcentrifuge with pestle.
2. Withdraw 0.15-0.2 ml (6-8 drops) of the supernatant and slowly apply into the sample well, read the result at 15-30 min.