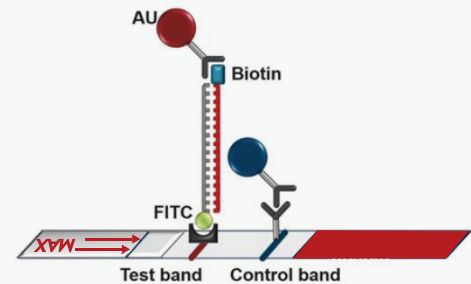




Name	Template Type	Detection method	Specification	Unit	Item No.
RAA Nucleic Acid Amplification Kit	DNA	Test Strip Method	48/96T	Kit	T00001
RT-RAA Nucleic Acid Amplification Kit	RNA	Test Strip Method	48/96T	Kit	T00R01

Detection Principle

This kit adopts the Recombinase Aided Amplification (RAA) technology to amplify the target nucleic acid sequences and combines the principle of lateral flow strips for rapid detection. The amplification of the target gene fragment can be realized based on sample DNA / RNA as template under isothermal conditions (37~42°C) in 5~15 minutes.



Schematic diagram of test strip detection

Product Usage

The kit is for scientific research use only and applicable for nucleic acid amplification of various samples, using lateral flow strip for detection.

Applicable Instrument

It is recommended to use products of Wuxi Qitian Biological Science Instruments Co., Ltd.: Sample Pretreatment System RAA-B6108; Thermostatic equipment (Water Bath) ; Mini centrifuge.

Product Features

High Efficiency Amplification

Results in 5-15 minutes after amplification

Easy Operation

Reduce operation complexity
Reduce experimental errors

High Sensitivity

Detection limit is up to a single copy

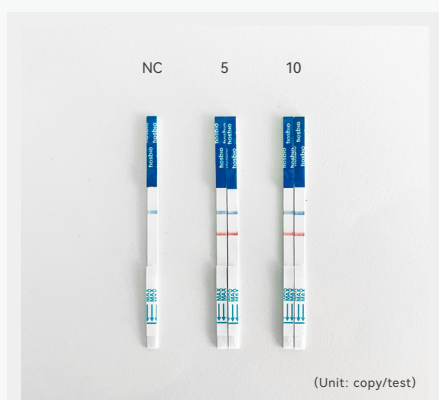
Strong Specificity

No cross-reaction

High Stability

Freeze-drying process
Keep stable under transportation

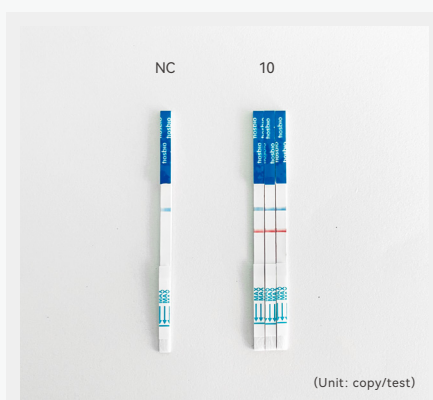
Experimental Cases



(Unit: copy/test)

Sensitivity experiment using *Schistosoma haematobium*

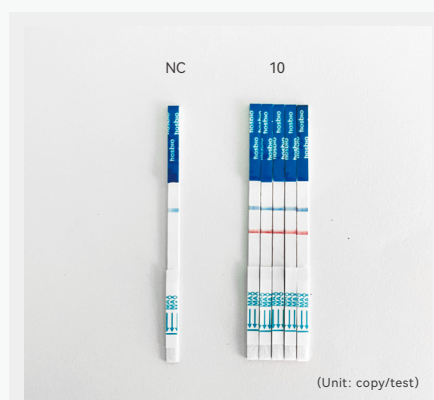
From left to right: NC (1), 5 copies/test (2), 10 copies / test (2)



(Unit: copy/test)

Stability experiment using *Schistosoma haematobium* (detection kit stored for 15 months)

From left to right: N C (1), 1 0 copies/test (3)



(Unit: copy/test)

Repetitive experiment using *Schistosoma haematobium*

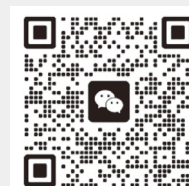
From left to right: N C (1), 1 0 copies/test (5)

操作流程



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