Bring Technology to Life

TIAN LONG

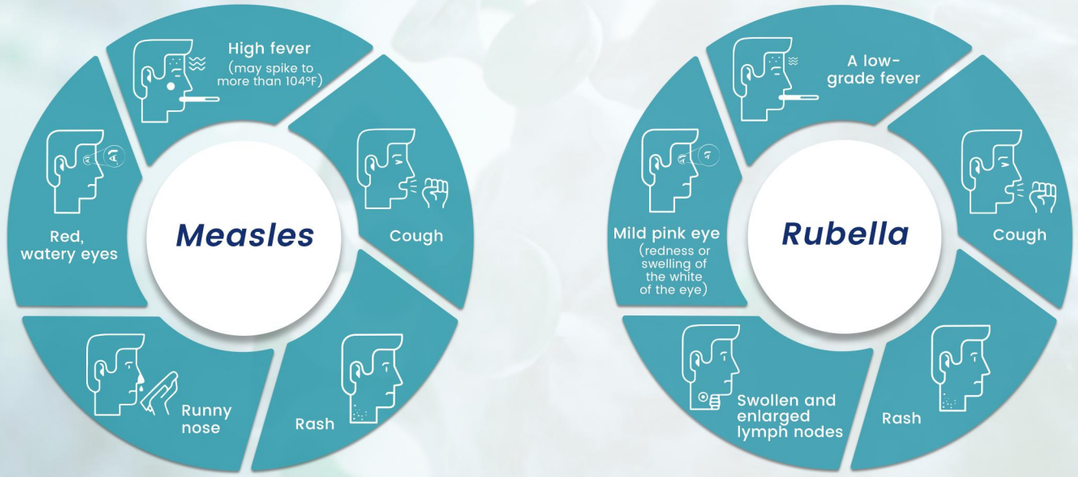
Measles/Rubella Virus RNA Detection Kit

(Fluorescence PCR Method)

Measles and rubella are respiratory tract infections respectively caused by the measles virus and rubella virus. The two infectious diseases have common symptoms characterized by acute fever and rash, which is easy to confuse. The prevalence of measles and rubella is similar, with a global distribution and obvious seasonal distribution characteristics, which often cause outbreaks and seriously endangers the health of children and teenagers.

Tianlong Measles/Rubella Virus RNA Detection Kit is intended for the qualitative detection of Measles/Rubella virus nucleic acid by Real-time RT-PCR method, assisting in the diagnosis and treatment of Measles/Rubella Virus infection patients and public healthcare management.

SIGNS OR SYMPTOMS



FEATURES

Reliable Detection
Multiplex real-time PCR assay detecting and differentiating measles virus and rubella virus in one test

High Precision
The precision values of intra and inter Ct values were all <5%

Internal Control
The use of internal control system in the kit can effectively prevent false negative results

Good Compatibility
Widely applicable in instruments with FAM, VIC(HEX) and Texas Red(ROX) fluorescence channels

More accurate
Collocating with Tianlong extraction reagent makes your experiment results more accurate

DATA INTERPRETATION

Figure 1: Positive sample amplification curve

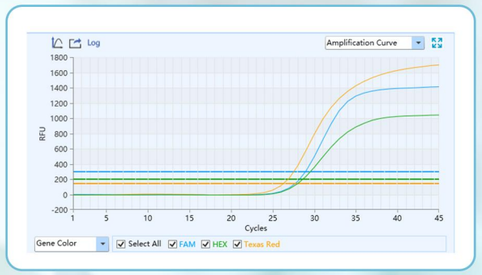
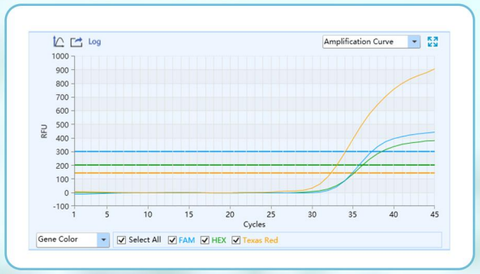


Figure 2: Low concentration positive sample amplification curve



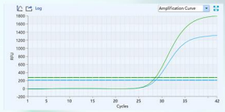
◆ FAM channel for Measles Virus ◆ VIC(HEX) channel for Rubella Virus ◆ Texas Red(ROX) channel for Internal Control (IC)

ORDERING INFORMATION

Product Name	Measles/Rubella Virus RNA Detection Kit (Fluorescence PCR Method)
Cat.No	P108H
Specification	32T/Kit
Sensitivity	500 copies/mL
Target Pathogen	Measles/Rubella Virus
Specimen	Oropharyngeal swab samples
Storage & Validity	-25℃~-15℃ for 12 months
Applicable Equipment	Instruments with FAM, VIC(HEX) and Texas Red(ROX) fluorescence channels such as Tianlong Gentier Real-time PCR Systems and Applied Biosystems™ 7500 Real-Time PCR Systems

ASSAY WORKFLOW

1 Sample Collection → **2** Nucleic Acid Extraction → **3** PCR Detection → **4** Analysis and Report



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