

# Parvovirus B19 DNA Detection Kit (Fluorescence PCR Method)

Human Parvovirus B19 belongs to the Parvoviridae family, Erythrovirus genus. B19 Virus is a single-stranded non-enveloped DNA virus, which can be divided into 3 genotypes (type 1, type 2 and type 3). Among them, genotype 1 is the most prevalent genotype in most parts of the world.

B19 Virus infection is ubiquitous in the population, and can be transmitted through the respiratory tract, blood, placenta, etc. All age groups can be infected by B19 Virus, especially in pregnant women and children.

Tianlong Parvovirus B19 DNA Detection Kit is intended for the quick, accurate detection of Parvovirus B19, assisting in the diagnosis and treatment of Parvovirus B19 infection and public healthcare management.

## TRANSMISSION ROUTE



## FEATURES

- Reliable Detection**  
Qualitative detection of Parvovirus B19 DNA from human serum samples with high sensitivity and specificity
- Easy-to-use**  
Single tube Ready-to-Use Master Mix contains all components for PCR amplification; No additional PCR reagents pipetting necessary
- 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, Cy5 fluorescence channels

## DATA INTERPRETATION

Figure 1: Human Parvovirus B19 amplification curve

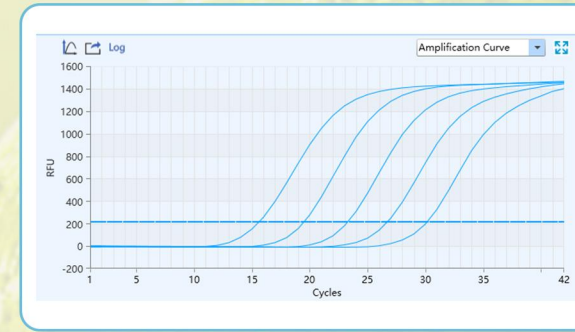
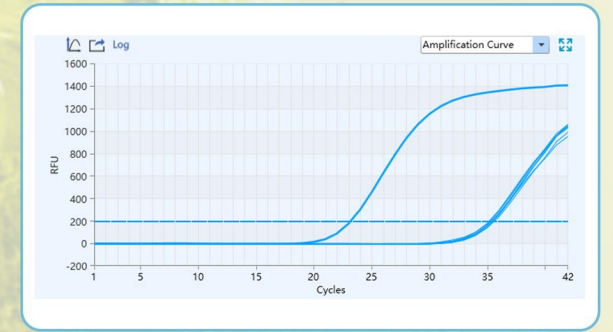


Figure 2: High concentration and low concentration Human Parvovirus B19 repetitive amplification curve



## ORDERING INFORMATION

<b>Product Name</b>	Parvovirus B19 DNA Detection Kit (Fluorescence PCR Method)
<b>Cat.No</b>	P542H
<b>Specification</b>	50T/Kit
<b>Sensitivity</b>	500 copies/mL
<b>Target Pathogen</b>	Human Parvovirus B19
<b>Specimen</b>	Human serum samples
<b>Storage &amp; Validity</b>	-25°C~-15°C for 12 months
<b>Applicable Equipment</b>	Instruments with FAM, Cy5 fluorescence channels such as Tianlong Gentier Real-time PCR Systems and Applied Biosystems™ 7500 Real-Time PCR Systems

## ASSAY WORKFLOW

