

Swine Real-Time PCR Kit SIV Detection Kit



Background

***SIV Real -Time Detection Kit from BIONOTE** is useful for detection the infection of Swine Influenza Virus. There are 2 types of SIV Real-Time Detection Kit. One is Swine Influenza Virus (Influenza A H1N1) detection Kit and the other distinguishes Classical Swine Influenza virus between and Novel Swine Influenza virus. These Kits can be exactly performed to detect RNA of Swine Influenza virus according to subtype, so it can be used for both qualitative and quantitative analysis. It works most of Real-Time PCR apparatuses of block and capillary tubes.

PCR

Specifications

- High Sensitivity : Each BIONOTE Real-Time Detection Kit provides highly effective pathogen detection in a sample material.
→ Possible detection up to 10 copies/ul
- High Specificity: BIONOTE owing optimal& unique primers and probes system guarantees a highly specific result
- Differential Diagnosis: Original Swine Influenza and Novel Influenza (H1N1) are easily distinguished by SIV Real-Time Detection Kit (PD64-02)
- Excellent reproducibility: One step Real-Time PCR Kit using Taqman probe
- Quantitative and qualitative analysis.
- Complete result within 2 hours for after RNA extraction
- Higher detection limit than general PCR : 100~1,000 times more sensitive

SIV Real -Time Detection Kit

Contents	Volume
Standard 1 (1x10 ⁴ copies/ul)	200ulx1
Standard 2 (1x10 ⁵ copies/ul)	200ulx1
Standard 3 (1x10 ⁶ copies/ul)	200ulx1
Standard 4 (1x10 ⁷ copies/ul)	200ulx1
Detection Solution Swine Influenza virus	500ulx1
Nuclease Free Water	1500ulx1
2X Master Mix	1000ulx1
Rox Reference Dye	40ulx1

Influenze A(H1N1)-Swine Real-Time Detection Kit

Contents	Volume
Positive control	200ulx1
Detection Solution Influenza A (M gene)	460ulx1
Detection Solution Novel Influenza A (H1 gene)	460ulx1
Nuclease Free Water	1500ulx1
2X Enzyme buffer	1000ulx1
Enzyme Mix	80ulx1
Rox Reference Dye	800ulx1

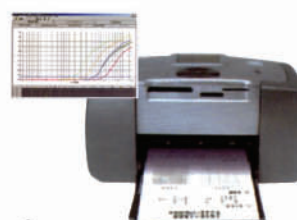
List of SIV Real-Time detection Kit

Product	Diagnosis	Cat.No.
Influenza A(H1N1)-Swine Real-Time Detection Kit	Novel Influenza A (H1n1)	PD64-01
SIV Real-Time Detection Kit	Original Swine Influenza virus	PD64-02

Real-Time Fluorescence Detection System



**Cycling
Detection
Quantitative anaysis**



Result report