

TargetEx ASFV qPCR Diagnostic Kit

Catalogue Number: TGX-044-01

GENERAL DESCRIPTION

TargetEx ASFV qPCR Diagnostic Kit is designed for the detection of African swine fever virus' (ASFV) genetic material using quantitative PCR (qPCR). In addition to the ASF virus (FAM™-labelled probe), the **triplex kit** is also capable of detecting endogenous controls (e.g., pig, wild boar, warthog DNA, HEX™-labelled probe) and exogenous controls (Cy5™-labelled probe), ensuring both sample integrity and test performance.

The detection process is completed in under **50 minutes** using **the standard protocol**, while a **rapid protocol** is also available reducing the reaction time to **45 minutes**.

The kit is compatible with a **wide range of sample types**, including serum, whole blood, bone marrow, various organs (e.g., liver, brain, intestine), and other tissue samples. It is also possible to pool multiple samples (max. 3–5 samples).

KIT COMPONENTS

Reagent	Description	Volume (µL)
Reaction Mix (100 reactions)	Master Mix includes primers and probes	1500*
Positive ASFV Control (PC)	ASFV-specific target DNA	50
Negative ASFV Control (NC)	Endogenous target DNA	50
Extraction Control (EC)	Exogenous target DNA	50

*The reaction mix includes a 10% excess to ensure compatibility with automated liquid handling system.

