

Genelix™

Viral DNA/RNA Extraction Kit



Applicable various specimens including respiratory specimens



Easy & Fast Extraction



High Yield

SPECIFICATION

CATEGORY	PRODUCT DESCRIPTION
Applications	PCR, qPCR, real-time PCR
Elution volume	50 μ l
Format	Spin columns
Processing	centrifugation
Purification	Viral DNA/RNA
Sample amount	150 μ l
Time per run or per prep	20–40 minutes
Yield	>90% recovery

COMPONENT

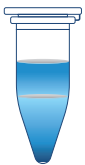
COMPONENTS	QUANTITY
VL Buffer	30 mL x 1 ea
VW-1 Buffer	60 mL x 1 ea
VW-2 Buffer	Empty bottle(100% ethanol)
RNase free water	10 mL x 1 ea
Proteinase K	20 mL x 1 ea
Capsule Column	100 ea
User Guide	—

Genelix™ Viral DNA/RNA Extraction Kit

IVD 제외 제신 20-854 호

WORK FLOW

STEP 1

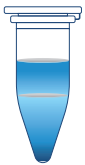


Sample 150 μ l
+ VL (+ 2-ME) 250 μ l
+ [Option]
Proteinase K (20 mg/ml)
20 μ l

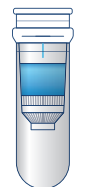


Vortex (30 sec - 1 min)
Incubation (RT, 10 mins)

STEP 2



+ 100% Ethanol 350 μ l
Vortex (30 sec - 1 min)

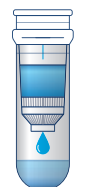


Capsule column
+ Lysate/Ethanol mix
(Step 2)



cfg * (13,000 rpm, 1 min)
Flow-through removal
Placing capsule column
again

STEP 3



+ VW-1 500 μ l



cfg * (13,000 rpm, 1 min)
Flow-through removal
Placing capsule column
again

STEP 4



+ VW-2 (100% Ethanol)
500 μ l



cfg * (13,000 rpm, 1 min)
Flow-through removal

STEP 5

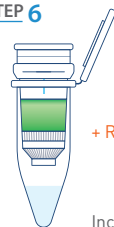


cfg * (13,000rpm, 1min)
- Removal of residual
Washing buffer



Capsule column + 1.5 ml
tube

STEP 6



+ RNase free water 50 μ l

Incubation (RT, 1 min)



cfg * (13,000 rpm, 1 min)



RNA/DNA Elution

ORDERING INFORMATION

COVID-19 assay

CAT NO.	PRODUCT DESCRIPTION	OPTION
G409	Genelix™ COVID-19 Real-Time PCR kit	100 rxn/kit

Foodborne virus assay

CAT NO.	PRODUCT DESCRIPTION	OPTION
G401	Genelix™ Rotavirus one step RT Real-time PCR Detection kit	96 rxn/kit
G402	Genelix™ Hepatitis A virus one step RT Real-time PCR Detection kit	96 rxn/kit
G404	Genelix™ Norovirus(G1&G2) duplex one step RT Real-time PCR Detection kit	96 rxn/kit
G405	Genelix™ Enteric Adenovirus Real-time PCR Detection kit	96 rxn/kit
G406	Genelix™ Astrovirus one step RT Real-time PCR Detection kit	96 rxn/kit
G407	Genelix™ Sapovirus one step RT Real-time PCR Detection kit	96 rxn/kit
G408	Genelix™ HEV one step RT Real-time PCR Detection kit	96 rxn/kit

Others

CAT NO.	PRODUCT DESCRIPTION	OPTION
G403	Genelix™ ASFV Real-time PCR Detection kit	48 rxn/kit

*For more detail, please refer to User Guide in the kit



Digital Empire Bldg. 411, 16 Heungan-daero 427 beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, Korea, 14059
Contact Phone : 1833 - 8010 Product inquiry/Technical Support : 1833 - 8030
Fax : +82-2-573-3134 www.sanigen.kr Online marketplace : www.sanimall.kr
Copyright (c) 2016, SANIGEN Inc. All Rights Reserved