

# Certificate of Analysis



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## VIRAL DNA EXTRACTION KIT

### PRODUCT NUMBER

IB47403 300 Preps

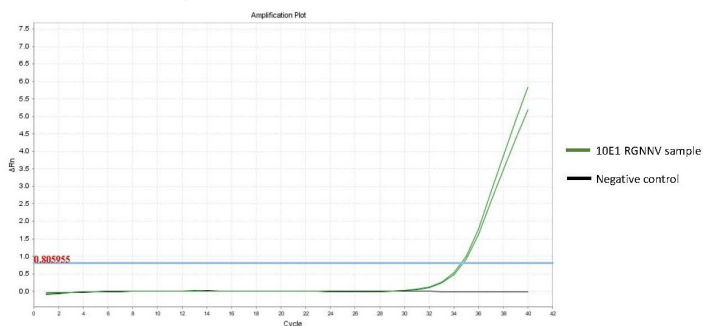
### LOT NO.

Lot# FH05110-DR

### SPECIFICATIONS

	Lot	Analysis	Disposition
VB Lysis Buffer (pH)	MH03201-DR	7.80	PASS
AD Buffer (pH)	MH02209-DR	5.20	PASS
W1 Buffer (pH)	MH02905-DR	4.50	PASS
Wash Buffer (pH)	HH01405-DR	8.50	PASS
RNase-Free Water (pH)	MH02604-DR	7.20	PASS
VB Columns			PASS

### Test result and analysis



### Quantitation of Red Spotted Grouper Nervous Necrosis Virus (RGNNV) RNA by SYBR green qRT-PCR.

Purifying viral RNA from 10E1 copy numbers of RGNNV samples using Viral Nucleic Acid Extraction Kit II and viral RNA were eluted with 50  $\mu$ l of RNase-Free Water. cDNA synthesis was carried out with a 10  $\mu$ l aliquot of purified RNA and real-time PCR assay was then performed with 3  $\mu$ l of synthesized cDNA as template. The results confirmed that viral RNA can be successfully extracted and detected from as low as 10E1 copy number of RGNNV.

### STORAGE

Store at room temperature.

### CERTIFICATION

We certify that this batch conforms to the specifications listed above and has been reviewed by a quality representative. This document has been electronically produced and signed by IBI SCIENTIFIC.

Toby Frericks  
Quality Control

05/27/21  
Date

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