

Viral Nucleic Acid Reference Standards



Meet the needs of research and quality control of viral nucleic acid detection



GeneWell has developed DNA and RNA virus quality controls according to the demand of consistency and accuracy of viral nucleic acid tests. Our quality controls can be customized in various formats, specifications and types of virus, specifically for your testing.

Key Features

Various formats

Inactivated virus: closest to clinical samples, applicable for the quality controls of whole process of viral nucleic acid detection (including viral cleavage and nucleic acid extraction)

Pseudovirus: quality control for extraction step, plasmid DNA residue rate stable controlled at lower than 0.1%

In vitro transcribed RNA: Accurate quality controls for quantitative and qualitative experimental processes, more stable for transportation and preservation

2 Accurate quantification

Virus copy number quantification was performed using droplet digital PCR

3 Flexible targets

Genome-wide or specific targets can be customized

Applications



Applicable platform

PCR, NGS, POCT and other nucleic acid detection platform



Registration certificate

Positive quality control products and enterprise reference products



Routine quality control

Evaluate the stability and reliability of the test process



Kits and platforms

Parallel comparison of test kits and platforms and external quality assessment

Customization

Customizable Items	Virus Species	Product Format	Viral genome coverage area	Virus copy number	Quality Control
Customizable Range	DNA viruses RNA viruses A mix of viruses	Inactivated viruses In vitro transcribed RNA Pseudoviruses	Whole genome Regions Other region fragments	Customization	Digital PCR

Product List

(Shelf Life: <-80°C, 24 months)

Product Code	Product Name	Specification
IB-GW-IAF101	Hepatitis B Virus (HBV) nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF102	Varicella Zoster Virus (VZV) nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF103	Herpes Simplex Virus Type 1 (HSV-1) nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF104	Herpes Simplex Virus Type 2 (HSV-2) nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF105	Epstein-Barr Virus (EBV) nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF106	Cytomegalovirus (CMV) nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF110	Influenza AH1N1 nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF111	Influenza AH1N1pdm nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF112	Influenza A H3N2 nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF113	Influenza B Yamagata Lineage nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF114	Influenza B Virus Victoria Lineage nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF115	Parainfluenza Virus Type 1 nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF116	Parainfluenza Virus Type 2 nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF117	Parainfluenza Virus Type 3 nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF118	Parainfluenza Virus Type 4B nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF119	Respiratory Syncytial Virus A (RSV-A) nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF120	Respiratory Syncytial Virus Type B (RSV-B) nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF121	Human Metapneumovirus (hMPV) 09 Type A1 nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF122	Human Metapneumovirus (hMPV) 18 Type B2 nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF123	Adenovirus Type 01 (Species C) nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF124	Adenovirus Type 02 (Species C) nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF125	Adenovirus Type 03 (Species B) nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF126	Adenovirus Type 04 (Species E) nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF127	Adenovirus Type 05 (Species C) nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF128	Adenovirus Type 07 (Species B) nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF129	Rhinovirus A2 nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF130	Rhinovirus B42 nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF131	Coronavirus (HCoV- 229E) nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF132	Coronavirus(HCoV-OC43) nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF133	Coronavirus (HCoV-NL63) nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF134	Coxsackievirus Type A02 nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF137	Coxsackievirus Type A16 nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF138	Enterovirus Type 68 nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF139	Enterovirus Type 71 nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF140	Rubella Virus nucleic acid Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube
IB-GW-IAF142	Mumps virus Reference Standard	≥1*10 ⁸ copies/mL, 100 μL/tube



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