

Viral Nucleic Acid Quality Control Products



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 based platform



Registration certificate

Positive quality control products in the kit and enterprise reference products



Routine quality control

Evaluate the stability and reliability of the test process



Parallel test

Parallel comparison of test kit 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: <-70°C, 12 months)

Product Code	Product Name	Product Specifications
IB-GW-IAF001	Hepatitis B Virus (HBV) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF002	Varicella Zoster Virus (VZV) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF003	Herpes Simplex Virus Type 1 (HSV-1) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF004	Herpes Simplex Virus Type 2 (HSV-2) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF005	Epstein-Barr Virus (EBV) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF006	Cytomegalovirus (CMV) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF007	Hepatitis B Virus (HBV) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF008	Hepatitis C Virus (HCV) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF009	Human Immunodeficiency Virus Type 1 (HIV-1) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF010	Influenza AH1N1 nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF011	Influenza AH1N1pdm nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF012	Influenza A H3N2 nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF013	Influenza B Yamagata Lineage nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF014	Influenza B Virus Victoria Lineage nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF015	Parainfluenza Virus Type 1 nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF016	Parainfluenza Virus Type 2 nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF017	Parainfluenza Virus Type 3 nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF018	Parainfluenza Virus Type 4B nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF019	Respiratory Syncytial Virus A (RSV-A) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF020	Respiratory Syncytial Virus Type B (RSV-B) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF021	Human Metapneumovirus (hMPV) 09 Type A1 nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF022	Human Metapneumovirus (hMPV) 18 Type B2 nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF023	Adenovirus Type 01 (Species C) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF024	Adenovirus Type 02 (Species C) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF025	Adenovirus Type 03 (Species B) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF026	Adenovirus Type 04 (Species E) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF027	Adenovirus Type 05 (Species C) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF028	Adenovirus Type 07 (Species B) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF029	Rhinovirus A2 nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF030	Rhinovirus B42 nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF031	Coronavirus (HCoV- 229E) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF032	Coronavirus(HCoV-OC43) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF033	Coronavirus (HCoV-NL63) nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF034	Coxsackievirus Type A02 nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF035	Coxsackievirus Type A09 nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF036	Coxsackievirus Type A21 nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF037	Coxsackievirus Type A16 nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF038	Enterovirus Type 68 nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF039	Enterovirus Type 71 nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF040	Rubella Virus nucleic acid Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF041	MonkeyPox Virus nucleic acid Reference Standard	≥1.00E+04 Copies/mL, 0.5mL/ tube
IB-GW-IAF042	Mumps virus Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF049	Human metapneumovirus (hMPV) 27 Type A2 Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF050	Human metapneumovirus (hMPV) Type 5 B1 Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube
IB-GW-IAF051	Human immunodeficiency virus Type II (HIV-2) Reference Standard	≥1.00E+07 Copies/mL, 0.1mL/ tube



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