

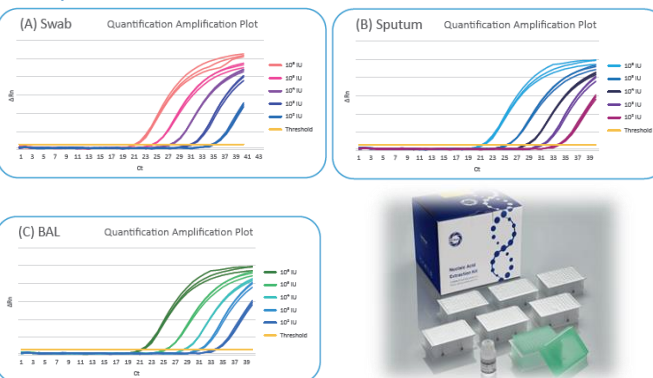
TANBead® Nucleic Acid Extraction Kit

Virus DNA/RNA Extraction (665)

TANBead® Virus DNA/RNA Kit is a nucleic acid purification kit based on magnetic bead technology by using with corresponding TANBead® Nucleic Acid Extractor, which can automatically isolate and purify total nucleic acids from various sample types, such as Serum, plasma, swabs, sputum, or bronchoalveolar lavage (BAL). The purified DNA can be used with any downstream application employing PCR-based qualitative, semi-quantitative and quantitative assays. The kit is intended for use by technicians, physicians, and biologists with well-trained in molecular biological techniques, the techniques of magnetic bead purification and *in vitro* diagnostic procedures.

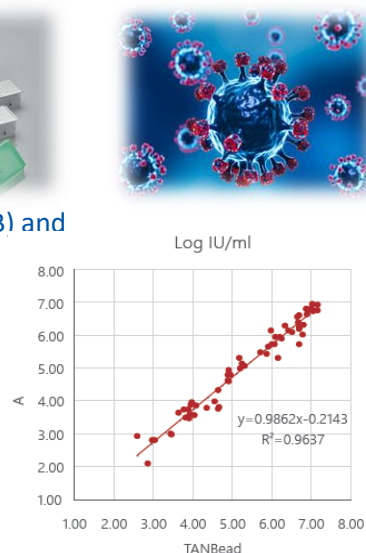
Feature	Specification
Application	PCR, qPCR, NGS, etc.
Sample	Serum, plasma, swabs, sputum, or bronchoalveolar lavage (BAL)
Purification technology	Automation Magnetic beads
Operation Time	35 - 45 min
LoD	HCV virus: ≥ 100 IU/ML

Figure 1. The virus fragment was stably amplified in the extracted RNA that isolated from samples containing various concentration of HCV standard template.



The sample types, including swab (A), sputum (B) and BAL (C) were examined.

Figure 2. In sixty HCV positive samples, high correlation between TANBead viral extraction kit and commercial-A all-in-one sample preparation and detection system was demonstrated.



Sample Description	Test	Instrument	Reference No.	Ordering No. (IVD)
Virus DNA/RNA Extraction Auto Plate	96	SLA 32/ E132	665A46	301009
Virus DNA/RNA Extraction Auto Tube	96	SLA 32/ E132	665S46	301010
Virus DNA/RNA Extraction Auto Plate	960	SLA 32/ E132	665A10	301349
Virus DNA/RNA Extraction Auto Plate	96	M8/ M4800 series	M665A46	301148
Virus DNA/RNA Extraction Auto Tube	96	M8/ M4800 series	M665S46	301149
Virus DNA/RNA Extraction Auto Plate	960	M8/ M4800 series	M665A10	301346
Virus DNA/RNA Extraction Auto Plate	96	M9600 series	W665A46	301224
Virus DNA/RNA Extraction Auto Tube	72	M9600 series	W665S66	301209
Virus DNA/RNA Extraction Auto Plate	960	M9600 series	W665A10	301345



TANBEAD



Linkedin

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Rapid

Highly efficient,
convenient and
time-saving



Efficacy

Suitable for various
sample types.



Quality

High-quality DNA
suitable for PCR,
qPCR, sequencing



Safety

No toxic solvents
throughout the whole
extraction process