

Certificate of Analysis

Product Name: AnaPrep Viral/Pathogen Nucleic Acids Extraction Kit B**Cat #:** Z1322012**Lot Number:** _____**Description**

The AnaPrep Viral/Pathogen Nucleic Acids Extraction Kit B is used with the AnaPrep 12 instrument for extraction of Viral DNA or RNA from swab samples (cell-rich samples).

Quality Control**Magnetic beads****PASSED**

The Magnetic bead binding capacity was tested with whole blood or DNA virus as samples to check the difference between lots; the variation should meet our standards.

Proteinase K activity

One unit is defined as the amount of enzyme that will liberate 1.0 μ mol tyrosine from casein per min at 37, pH7.5

Buffer

Conductivity and pH of buffer were tested to be within the range below:

	Conductivity	pH	
Lysis buffer	25-38(1/10 dilution)	4.5-5.5	_____
Binding buffer	1.0-2.5	7.5-7.9	_____
Wash buffer 2	80-120	7.0-7.5	_____
Wash buffer A	35-41	7.5-8.2	_____
Wash buffer B	35-41	7.5-8.2	_____
Elution buffer	0.5-0.7	7.8-8.3	_____

Performance

Virus and bacteria were used to check the difference between lots. Analysis by qPCR and spectrophotometry. The variation should be below 10%.

Storage condition

AnaPrep Viral/Pathogen Nucleic Acids Extraction Kit B should be stored at room temperature (15-25°C); Storage at higher temperature should be avoided.

Components

1. AnaPrep Viral/Pathogen Nucleic Acids Extraction Kit B
2. Certificate of Analysis

FOR IN VITRO RESEARCH USE ONLY**APPROVED BY:**  _____