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ePure Bacterial DNA Extraction Kit		Date of issue 09.08.2026

Certificate of Analysis

Product Name: ePure Bacterial DNA Extraction Kit

Catalogue Number: E2006

LOT Number: 252105B

Quality Control

Passed

Magnetic Beads

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

Passed

Proteinase K activity

One unit is defined as the amount of enzyme that will be liberate 1 µmol tyrosine from casein per min at 37 °C and pH 7,5

Activity ≥ 30 mAnsosnU/mg

Passed

Buffers

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

Buffers	Conductivity (mS/cm)	pH	Result
Lysis buffer 3	144 – 148	5,1-5,8	Passed
Binding buffer 1	1,0 – 1,4	7,0-8,0	Passed
Wash buffer 1B	46 – 49	5,4-6,2	Passed
Wash buffer A	0,022 – 0,038	7,4-7,9	Passed
Wash buffer B	0,022 – 0,038	7,4,7,9	Passed
Elute buffer	0,30 – 0,045	7,9-8,2	Passed
BL2B buffer	1,25 – 1,35	8,4-8,8	Passed

Performance

Using E. coli sample to check the difference between lots. Analysis by Nanodrop 2000 UV-Vis spectrophotometer, the variation should be within ±10%

Passed

Storage conditions

ePure Bacterial DNA Extraction Kit should be store at room temperature (15 – 25 °C). Storage at higher temperature should be avoided.


Quality Assurance