

ePure Bacterial DNA Extraction Kit

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Certificate of Analysis**Product Name:** ePure Bacterial DNA Extraction Kit**Catalogue Number:** E2006**LOT Number:** 231005D**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 μ mol tyrosine from casein per min at 37 °C and pH 7,5 **Passed**
Activity \geq 30 mAnsosnU/mg**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 |

PerformanceUsing E. coli sample to check the difference between lots. Analysis by Nanodrop 2000 UV-Vis spectrophotometer, the variation should be within \pm 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