

All Your Biological Matrices. Multiple Pathogens. One Kit.

NZY Mag Universal RNA/DNA Isolation Kit, RUO



NZYtech
genes & enzymes

Sample Extraction for Diverse Pathogens and Samples

Get RNA and DNA from Viruses, Bacteria and other organisms in more than 10 distinct sample matrices.

The NZY Mag Universal Nucleic Acid Purification Kit, RUO, utilizes cutting-edge magnetic bead technology for swift and high-quality RNA and DNA purification from a wide range of complex and recalcitrant biological samples. The kit ensures that RNA/DNA samples are suitable in terms of purity, concentration, and nucleic acid integrity. The kit is optimized to address several sample biological matrices, including whole blood, plasma, serum, milk, urine, nasopharyngeal, cervical, and perianal swabs, stool, environmental samples and animal faecal swabs.

Validated Sample Matrix

- Whole Blood
- Urine
- Milk
- Plasma
- Serum
- Ear punch/notch
- Nasopharyngeal Swabs
- Cervical Swabs
- Perianal Swabs
- Environmental samples
- Soil samples
- Animal Faecal Swabs
- Oral fluid (e.g. sputum, saliva)
- Tissue or Organ

Benchmark Performance Test against market leading kit

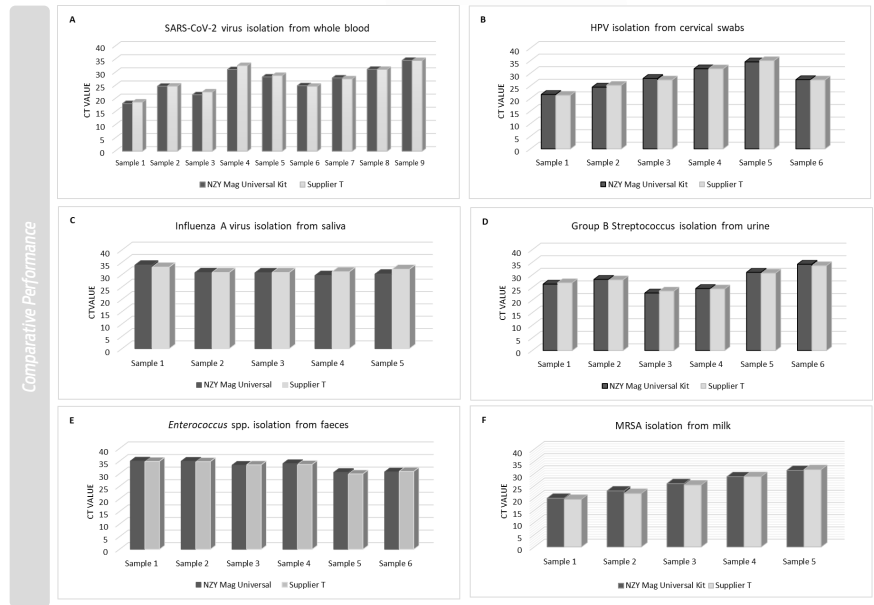


Figure 1. Comparative performance of the NZY Mag Universal RNA/DNA Isolation Kit, RUO, and an alternative commercially available kit (Supplier T) in Extracting Viral and Bacterial Pathogens Across Various Sample Matrices: A. SARS-CoV-2 virus isolation from whole blood; B. Human papillomavirus (HPV) isolation from cervical swabs; C. Influenza A virus isolation from saliva; D. Group B Streptococcus isolation from urine; E. Enterococcus spp. isolation from faeces; F. Methicillin-resistant Staphylococcus aureus (MRSA) mecA gene isolation from milk.

Order Now

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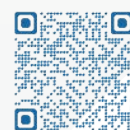
Unit Size: 100 preps
Catalogue number: MD06671



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