

NZY Mag Universal RNA/DNA Isolation Kit, IVD

Multiple Samples. Viral & Bacterial Nucleic Acids *One Reliable Kit.*

Nucleic Acid Extraction for Diverse Humans Pathogens and Matrices

Get RNA and DNA from viruses and bacteria across diverse sample matrices

The NZY Mag Universal RNA/DNA Isolation Kit, IVD, offers an advanced solution for molecular diagnostics, utilizing magnetic bead technology for rapid and efficient extraction of RNA and DNA from viruses and bacteria across various clinical matrices, including human whole blood, milk, saliva, urine, and respiratory and vaginal/perinal/cervical swabs.

This CE-marked kit enables nucleic acids isolation for downstream applications like qPCR and RT-qPCR. Manufactured under stringent quality standards, it is a Class A diagnostic reagent, validated for viral and bacterial nucleic acid extraction in professional diagnostic settings and IVDR compliant.

Key Features

Advanced Magnetic Bead Technology

The kit employs cutting-edge magnetic bead technology, enabling swift and efficient extraction of RNA and DNA from various biological samples.

Broad Compatibility

CE-marked and optimized for extracting nucleic acids from diverse clinical matrices, including human whole blood, milk, saliva, urine, and respiratory and vaginal/perianal swabs.

IVD Marking for Rigorous Quality Assurance

Manufactured under a rigorous quality management system compliant with global standards, ensuring reliability, complete traceability, and high performance for critical diagnostic tasks. Additionally, this kit is IVDR compliant and thus in conformity with the new IVD regulatory framework.



Applications

Viral Nucleic Acid Extraction

Ideal for isolating nucleic acids from viral samples for downstream applications like qPCR and RT-qPCR, facilitating efficient viral diagnostics.

Bacterial Nucleic Acid Extraction

Validated for the extraction of bacterial nucleic acids, supporting microbiological diagnostics and pathogen detection in clinical samples.

Clinical Laboratory Use

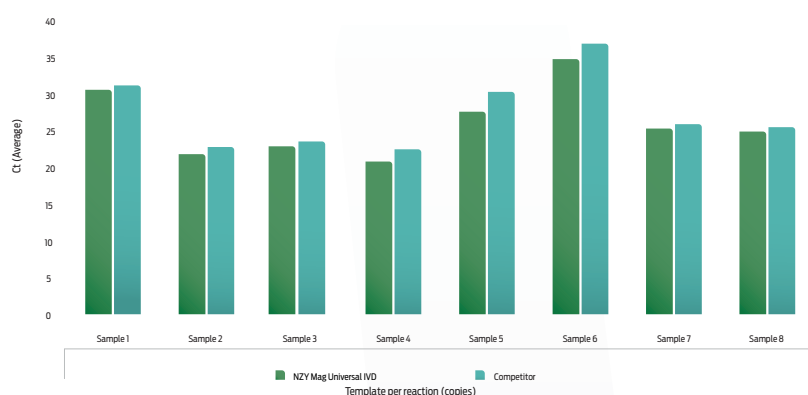
Designed for professional users trained in molecular diagnostics techniques, ensuring safe and accurate handling of potentially infectious materials in diagnostic laboratories.

Validated Human Sample Matrix

Whole Blood (EDTA, heparin or citrate)
Urine
Milk
Plasma
Serum
Nasopharyngeal Swabs
Cervical/Vaginal Swabs
Perianal Swabs
Oral fluid (e.g. sputum, saliva)

Benchmark Performance Test against market leading kit

SARS-CoV-2 virus isolation from whole blood



Limit of Detection for NZY Mag Universal RNA/DNA Isolation Kit, IVD in MRSA Samples (280 genome copies/mL, Whole Blood/EDTA)

	MRSA Target			Human Target
	mecA/C	nuc	SCCmec/orfX	RP
n	70	70	70	70
Mean Cq	33.9	34.6	34.7	27.2
Standard Deviation	0.93	1.06	0.86	1.04
Coefficient of Variation (%)	2.7	3.1	2.5	3.8
% Replicate Detection	96	96	96	100

Order Now

NZY Mag Universal
RNA/DNA Isolation Kit, IVD

Storage Conditions: 15 °C to 25 °C

Unit Size: 100 preps

Catalogue number: MD07741

Click to
Talk
to Us

Click to
Buy
Online