

Nucleic Acid Extraction Kits and Consumables

Product Overview

Lusis' Nucleic Acid Extraction-Purification manual and pre-plated Kits use magnetic bead-based technology for nucleic acid extraction. These reagents are compatible with a wide range of sample types, including nasopharyngeal and anterior nares swabs, whole blood, urine, and stool. The resulting high-purity DNA and RNA are suitable for standard molecular biology applications including quantitative PCR (qPCR) for pathogen detection.

Key Features of Nucleic Acid Extraction-Purification Kits

Quality and efficiency are instrumental in a laboratory setting, and Lusis offers innovative solutions that support entire qPCR workflows. Universal, fast sample extraction streamlines "Sample to Report" to ~3 hours, compared to ~5-6 hours when using alternative extraction solutions. Ordering is also simplified; a single part number covers all major sample types for infectious disease applications. Lusis' extraction reagents also offer workflow flexibility, with options for both manual and automated solutions.



A single sample extraction kit covers multiple sample types



Compatible with both manual and KingFisher™ Flex Purification System workflows



Specimen to nucleic acids in < 30 mins



Resulting high-purity DNA and RNA are ideal for qPCR applications

Instrument Compatibility & Flexible Workflow


Lusis' Nucleic Acid Extraction-Purification Kits and Consumables are compatible with the KingFisher™ Flex Purification System and manual workflows.

Sample Type Compatibility




Application	Sample Type
Respiratory Tract Infections	Nasopharyngeal swabs
	Anterior nares swabs
	Oropharyngeal swabs
	Sputum
	Saliva
Sexually Transmitted Infections Urinary Tract Infections Bloodborne Pathogens	Urine
	Genital secretions
	Cervical exfoliated cells
	Vaginal discharge
	Vaginal swabs
	Seminal fluid
Gastrointestinal Infections	Whole blood
	Stool

Ordering Information

Nucleic Acid Extraction-Purification Kits

Part Number	Format	Product	Number of Reactions
S50016-96	Vials	 Nucleic Acid Extraction-Purification Manual Kit	96
S50016-96A	Pre-filled Plates	 Nucleic Acid Extraction-Purification 96-well Plate	96
S50016-48C	Pre-filled Strips	 Nucleic Acid Extraction-Purification 8 wells * 6	48

Consumables

Part Number	Format	Product	Case Of
330200073	Plastic	 96 Tip Comb	100
330200097	Plastic	 96 Deep Well Plate	50
331200009	Tube Rack	 Magnetic Bead Separation Rack	1



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