

STAR BEADS DNA/RNA extraction kits – RUO

Product Name	Universal kit <i>Research for Human, Veterinary, Food, Water, and other applications</i>	DNA kit	RNA kit	cf DNA kit
Isolation Target	Viral, bacterial (Salmonella), fungal and/or microbial nucleic acids	Genomic (nuclear & mitochondrial) DNA	Total RNA	Cell-free DNA
Sample material	Any sample type such as FFPE, fresh and frozen tissues, cultured cells, saliva, faeces, raw/processed foods, honey bees etc.	Various body fluids and biological samples such as whole blood, saliva, cultured mammalian cells, FFPE, fresh and frozen tissues (including mouse tail)	Cultured mammalian cells	Plasma and other body fluids
Certification	RUO	RUO	RUO	RUO
Sample amount	Up to 300 µL	Up to 200 µL from 10 ⁵ up to 10 ⁶ cells 2 - 25 mg tissue	up to 10 ⁶ cells	1-5 mL
Purification Time	25 minutes	75 minutes	85 minutes	120 minutes
Technology	Magnetic bead technology			
Format	96 test bottles / 16 and 96 test prefilled plates			
Elution volume	60-100µL			
Processing mode	Automated, Manual			
Compatible extractors	Thermo Fisher Scientific KingFisher™ Flex, Allsheng Auto-Pure96/32A/Mini, Accuris IsoPure™ Mini/96, Procomcure Phoenix-Pure96/32, MOLGEN PurePrep 96/32, BIOER GenePure Pro NPA-32P, MGI SP-NE32, BIGFISH BFEX-32, 3D MED ANDIS 350 . All plastic accessories are included in the kit; tip combs are provided as kit completion. Customized instrument programs or extraction kits can be developed for a non-listed extractor.			
Storage Temp.	15–25 °C			

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STAR BEADS DNA/RNA extraction kits – IVD

Product Name	Viral kit <i>Human Diagnostics</i>	Pathogen kit <i>Human Diagnostics</i>	Genomic DNA kit <i>Human Diagnostics</i>
Isolation Target	Viral DNA/RNA	Viral, bacterial and protozoal nucleic acids: HPV, CMV, Monkey Pox, Sars-COV-2, STPs (Gonorrhea, Chlamydia), Candida, Clostridium, HSV-1, N. Meningitidis	Genomic DNA
Sample material	Serum, swabs, plasma, saliva, other body fluids	Whole blood, plasma, swabs, urine, cerebrospinal fluid, other body fluids	Blood and saliva
Certification	CE-IVDR	CE-IVDR	CE-IVDR
Sample amount	Up to 200 µL	Up to 200 µL	Up to 200 µL
Purification Time	25 minutes	30 minutes	75 minutes
Technology	Magnetic bead technology		
Format	96 test bottles / 16 and 96 test prefilled plates		
Elution volume	100µL		
Processing mode	Automated, Manual		
Compatible extractors	Thermo Fisher Scientific KingFisher™ Flex, Allsheng Auto-Pure96/32A/Mini, Accuris IsoPure™ Mini/96, Procomcure Phoenix-Pure96/32, MOLGEN PurePrep 96/32, BIOER GenePure Pro NPA-32P, MGI SP-NE32, BIGFISH BFEX-32, 3D MED ANDIS 350 . All plastic accessories are included in the kit; tip combs are provided as kit completion. Customized instrument programs or extraction kits can be developed for a non-listed extractor.		
Storage Temp.	15–25 °C		

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Rev21 20250120