

Prep for the future

Automated sample preparation for DNA, RNA, proteins, and cells

Thermo Scientific™ KingFisher™ purification systems are elegantly designed to support multiple applications in your lab

- **Various throughputs**—process 6–96 samples per run depending on the instrument model
- **Interchangeable formats**—choose 24- or 96-well plates so you can process a wide range of input volumes
- **Protocol customization**—easily edit, modify, or create new protocols
- **Optimized reagents**—compatible magnetic bead-based kits for a wide range of sample types



Thermo Scientific™ KingFisher™ Duo Prime Purification System



Thermo Scientific™ KingFisher™ Flex Purification System



Thermo Scientific™ KingFisher™ Apex Purification System

	Thermo Scientific™ KingFisher™ Duo Prime Purification System	Thermo Scientific™ KingFisher™ Flex Purification System	Thermo Scientific™ KingFisher™ Apex Purification System
Sample throughput level	6–12 samples	24–96 samples	24–96 samples
Processing volume range	50–5,000 µL	20–5,000 µL	10–5,000 µL

The magnetic bead-based technology of KingFisher instruments provides:



Consistency

Superior binding to allow for specificity and optimal isolation due to the uniform bead size and surface



Fewer complications

Less clogging because of mobile dispersion and regular density with efficient elution in small volumes



Versatile solutions

Isolate different analytes from various sample types for use in a wide range of applications



Publication-ready results

Industry-leading data produced with Invitrogen™ Dynabeads™ and Applied Biosystems™ MagMAX™ products cited in more than 70,000 global publications

Featured KingFisher system applications

Application	Sample type	Automation-ready extraction kit and reagents	Cat. No.
Cancer research		MagMAX Cell-Free DNA Isolation Kit	A29319
		MagMAX <i>mir</i> Vana Total RNA Isolation Kit	A27828
		MagMAX FFPE DNA/RNA Ultra Kit	A31881
		MagMAX DNA Multi-Sample Ultra 2.0 Kit	A36570
		Dynabeads FlowComp Human CD3 Kit	11365D
		Dynabeads FlowComp Human CD4 Kit	11361D
		Dynabeads FlowComp Human CD8 Kit	11362D
		Dynabeads Untouched Human T Cells Kit	11344D
		Dynabeads Untouched Human CD4 T Cells Kit	11346D
		Dynabeads CD15	11137D
		Dynabeads CD4	11145D
Genomics		MagMAX DNA Multi-Sample Ultra 2.0 Kit	A36570
		MagMAX Viral/Pathogen II (MVP II) Nucleic Acid Isolation Kit	A48383R
		MagMAX <i>mir</i> Vana Total RNA Isolation Kit	A27828
Infectious disease research		MagMAX Viral/Pathogen Nucleic Acid Isolation Kit for HIV-1 Dried Blood Spots	A53770
		MagMAX Viral/Pathogen II (MVP II) Nucleic Acid Isolation Kit	A48383R
		MagMAX Microbiome Ultra Nucleic Acid Isolation Kit, with bead tubes	A42358
		MagMAX DNA Multi-Sample Ultra 2.0 Kit	A36570
		Dynabeads Intact Virus Enrichment	10700D
Surveillance		MagMAX Wastewater Ultra Nucleic Acid Isolation Kit with Virus Enrichment	A52610
		MagMAX Viral/Pathogen II (MVP II) Nucleic Acid Isolation Kit	A48383R
		MagMAX <i>mir</i> Vana Total RNA Isolation Kit	A27828
		MagMAX Microbiome Ultra Nucleic Acid Isolation Kit, with bead tubes	A42358
		DynaGreen Protein A	80102G
Proteins		DynaGreen Protein A/G	80105G
		Dynabeads Protein A for Immunoprecipitation	10002D
		Dynabeads Protein G for Immunoprecipitation	10004D
		Dynabeads Protein A Immunoprecipitation Kit	10006D
		Dynabeads Protein G Immunoprecipitation Kit	10007D
		Dynabeads Streptavidin for Target Enrichment	65606D
Streptavidin	All	Dynabeads M-270 Streptavidin	65305
	All	Dynabeads M-280 Streptavidin	11205D
	All	Dynabeads MyOne Streptavidin T1	65601
	All	Dynabeads MyOne Streptavidin C1	65001

Legend

-  Blood
-  Stool
-  Clinical sample
-  FFPE
-  Urine
-  Plant tissue
-  Supernatant
-  Other swabs
-  Plasma or serum
-  Wastewater
-  Cell extracts
-  PBMC
-  Cell culture
-  Saliva
-  Virus
-  MNC
-  Fungi
-  Cleanup
-  Exosomes
-  Buccal swab
-  Tissue (nonplant)
-  VLP
-  Negatively charged protein
-  Viral transport media (VTM)
-  Soil

KingFisher purification systems

Instrument	Cat. No.
KingFisher Duo Prime Purification System	5400110
KingFisher Flex Purification System with 96 PCR Head	5400610
KingFisher Flex Purification System with 96 KingFisher Head	5400620
KingFisher Flex Purification System with 24 Deep-Well Head	5400640
KingFisher Flex Purification System with 96 Deep-Well Head	5400630
KingFisher Apex Purification System with 96 PCR Head	5400910
KingFisher Apex Purification System with 96 Combi Head	5400920
KingFisher Apex Purification System with 96 Deep-Well Head	5400930
KingFisher Apex Purification System with 24 Combi Head	5400940

Discover the future of sample prep at thermofisher.com/kingfisher