

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

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	15591290
		MagMAX <i>mir</i> Vana Total RNA Isolation Kit	15422143
		MagMAX FFPE DNA/RNA Ultra Kit	15654529
		MagMAX DNA Multi-Sample Ultra 2.0 Kit	15864654
		Dynabeads FlowComp Human CD3 Kit	10473705
		Dynabeads FlowComp Human CD4 Kit	10144833
		Dynabeads FlowComp Human CD8 Kit	10206403
		Dynabeads Untouched Human T Cells Kit	10033093
		Dynabeads Untouched Human CD4 T Cells Kit	10449053
		Dynabeads CD15	10252093
		Dynabeads CD4	10139392
Genomics		MagMAX DNA Multi-Sample Ultra 2.0 Kit	15864654
		MagMAX <i>mir</i> Vana Total RNA Isolation Kit	15422143
Infectious disease research		MagMAX Viral/Pathogen Nucleic Acid Isolation Kit for HIV-1 Dried Blood Spots	17856501
		MagMAX Microbiome Ultra Nucleic Acid Isolation Kit, with bead tubes	17180796
		MagMAX DNA Multi-Sample Ultra 2.0 Kit	15864654
Surveillance		Dynabeads Intact Virus Enrichment	17176088
		MagMAX Wastewater Ultra Nucleic Acid Isolation Kit with Virus Enrichment	17767463
		MagMAX Microbiome Ultra Nucleic Acid Isolation Kit, with bead tubes	17180796
Proteins		Dynabeads Protein A for Immunoprecipitation	10746713
		Dynabeads Protein G for Immunoprecipitation	10765583
		Dynabeads Protein A Immunoprecipitation Kit	10442945
		Dynabeads Protein G Immunoprecipitation Kit	10278723
Streptavidin	All	Dynabeads M-270 Streptavidin	10140963
	All	Dynabeads M-280 Streptavidin	10292593
	All	Dynabeads MyOne Streptavidin T1	10531265
	All	Dynabeads MyOne Streptavidin C1	10099482

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	15337317
KingFisher Flex Purification System with 96 PCR Head	11575485
KingFisher Flex Purification System with 96 KingFisher Head	11839520
KingFisher Flex Purification System with 24 Deep-Well Head	11819520
KingFisher Flex Purification System with 96 Deep-Well Head	11560615
KingFisher Apex Purification System with 96 PCR Head	16592442
KingFisher Apex Purification System with 96 Combi Head	16502452
KingFisher Apex Purification System with 96 Deep-Well Head	16512452
KingFisher Apex Purification System with 24 Combi Head	16522452

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