

Primed for Perfomance

• Automated purification system for a range of applications.





Complete nucleic acid and protein purification system

Ensure sample purity

Successful downstream analysis depends on high-quality, reproducible purification of nucleic acids, proteins and cells. Thermo Scientific[™] KingFisher[™] purification systems are designed to deliver high-quality samples with minimal hands-on time, helping you optimize your workflow.

- Choose from four distinct systems to meet your application and throughput needs
- Optimized kits streamline the purification workflow for a wide variety of sample types
- Thermo Scientific[™] Bindlt[™] software lets you create customized protocols for additional flexibility
- Specially designed consumables for efficient sample processing



Magnetic separation technology

KingFisher instruments use magnetic rods to move particles through the purification phases of binding, washing and elution to yield high-quality DNA, RNA and proteins. This revolutionary technology minimizes impurities, delivering samples that are ready for downstream analysis.



Diverse applications

KingFisher systems provide the flexibility required to meet evolving research needs, including prewritten protocols for a variety of applications.

- Nucleic acid purification from various starting materials including cell-free body fluids, blood, bacteria, cell culture and various tissues.
- Protein applications including immunoprecipitation, affinity purification, fusion protein purification and phosphopeptide enrichment
- Cell separation including cancer or white blood cell isolation and bacterial cell separation

You can also customize existing protocols and create new ones for protein and cell applications with the versatile Bindlt software.



Meet the KingFisher family

Our revolutionary magnetic separation technology lets you process virtually any sample from any source for highquality isolation of nucleic acids, proteins and cells, With four systems to choose from. Thermo Scientific KingFisher platforms provide the performance, flexibility and speed for your budget, application and throughput requirements.

KingFisher Flex: Designed to process up to 96 samples at a time, with volumes up to 5 mL, the versatile KingFisher Flex system has four interchangeable magnetic heads for plates of various sizes-including 24- and 96-well and deep well plates, and

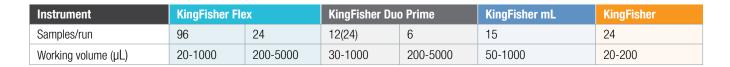
PCR plates. You can choose from a range of volumes (20-5000µL), depending on the magnet head and plate. The KingFisher Flex instrument can be integrated with liquid handling, robotics and plate-stacking instruments to fully automate your workflow for higher throughput.

KingFisher Duo Prime: The newest addition to the family, the KingFisher Duo Prime system automates purification processes for research and routine laboratories working with a smaller number of samples. The system delivers high

quality yields with excellent reproducibility and reliability. New features include a barcode reader for traceability and built-in UV lamp designed for effective decontamination. Run 24 samples per load and 2 protocols sequentially, with processing volumes ranging from 30 µL- 5 mL.

KingFisher mL: The economical choice for easy operation of up to 15 samples. Processing volumes range from 50 to 1000 µL carried out in tube strips.

KingFisher: The first in the family, the KingFisher system allows users to purify small-scale samples economically. Run up to 24 samples in 20-200 µL. All purification and processing steps, programmed using simple push-button operation, are carried out in microstrips.



Bindlt software: gives you the flexibility you need to get the most out of your KingFisher system. Modify prewritten protocols or create your own to handle more applications.

KingFisher consumables: made of polypropylene, are ideal for magnetic particle processing due to their low binding affinity for biomolecules. Both the yield and the quality of the isolated DNA/RNA are significantly improved with special KingFisher plates and tips.

KingFisher Pure DNA/RNA Kits:

Our KingFisher Pure Kits are paired with KingFisher instruments, forming a cohesive, validated system of rapid purification to produce the highest quality nucleic acid samples compatible with most common enzymatic downstream analyses and applications.









Ordering information

Product #	Description	Product #	Description
KingFisher instruments		Consumables for KingFisher	
22-387-001	KingFisher, 100-240 V, 50/60 Hz	22-387-027	KingFisher 96
22-387-002	KingFisher mL, 100-240 V, 50/60 Hz	22-387-028	KingFisher 96
14-387-700	KingFisher Duo Prime, 100-240 V, 50/60 Hz	22-387-029	KingFisher 96 10 x 10 pcs/b
22-387-003	KingFisher Flex with 96 PCR head, 100-240 V, 50/60 Hz		
22-387-004	KingFisher Flex with 96 KF head, 100-240 V, 50/60 Hz	22-387-030	KingFisher 96
22-387-005	KingFisher Flex with 96 deep-well head, 100-240 V, 50/60 Hz	22-387-031	KingFisher de
22-387-006	KingFisher Flex with 24 deep-well head, 100-240 V, 50/60 Hz	22-387-032	KingFisher de
Consumables for KingFisher		22-387-033	KingFisher Fl
22-387-021	KingFisher tip comb, 50 pcs	22-387-034	KingFisher Fl
22-387-022	KingFisher plate 100 µL, 50 pcs	22-387-035	KingFisher Fle
22-387-023	KingFisher plate 200 µL, 50 pcs	14-387-93	Cap Mat for I
Consumables	for KingFisher mL	14-387-94	Cap Mat for I
22-387-024	KingFisher mL tip comb, 800 pcs	KingFisher Pure DNA/RNA K	
22-387-025	KingFisher mL tube, 900 pcs	22-387-062	KingFisher Pu
22-387-026	KingFisher mL Combi 240, (tubes and tip combs), for 240 samples	22-387-063	KingFisher Pu
Consumables for KingFisher Duo Prime		22-387-064	KingFisher Pu
14-387-291	KingFisher Duo 12-tip comb, for KingFisher deep-well 96 plate, 50 pcs	22-387-043	KingFisher Ce
14-387-292	KingFisher Duo 6-tip combs, for KingFisher Flex 24 deep-well plate, 48 pcs	22-387-065	KingFisher Pu
		22-387-066	KingFisher Pu
22-387-034	KingFisher Flex 24 deep-well plate, 50 pcs	22-387-067	KingFisher Pu
14-387-293	KingFisher Duo elution strip, 40 pcs	22-387-068	KingFisher Pu
14-387-737	KingFisher Duo Cap for elution strip, 40 pcs/box	22-387-069	KingFisher Pu
14-387-294	KingFisher Duo Combi pack for KingFisher deep-well 96 plate (tips combs, plates, elution strips and cap strips for 96 samples)	22-387-070	KingFisher Pu
		22-387-071	KingFisher Pu



High-performance Thermo Scientific[™] Pierce[™] iron oxide, superparamagnetic particles are available for immunoprecipitation, affinity purification as well as creating custom magnetic particles.

www.thermoscientific.com/kingfisher-research www.thermoscientific.com/kingfisher

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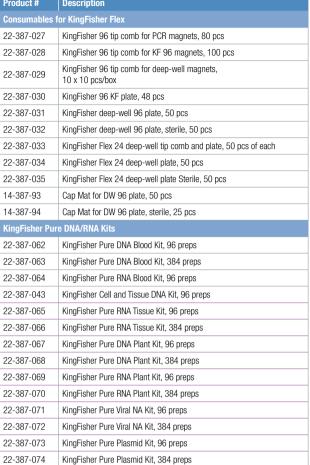


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