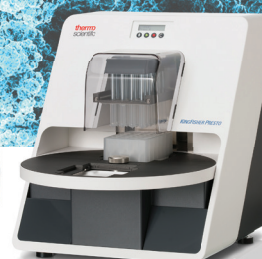


sample prep

thermo
scientific

applied
biosystems

invitrogen



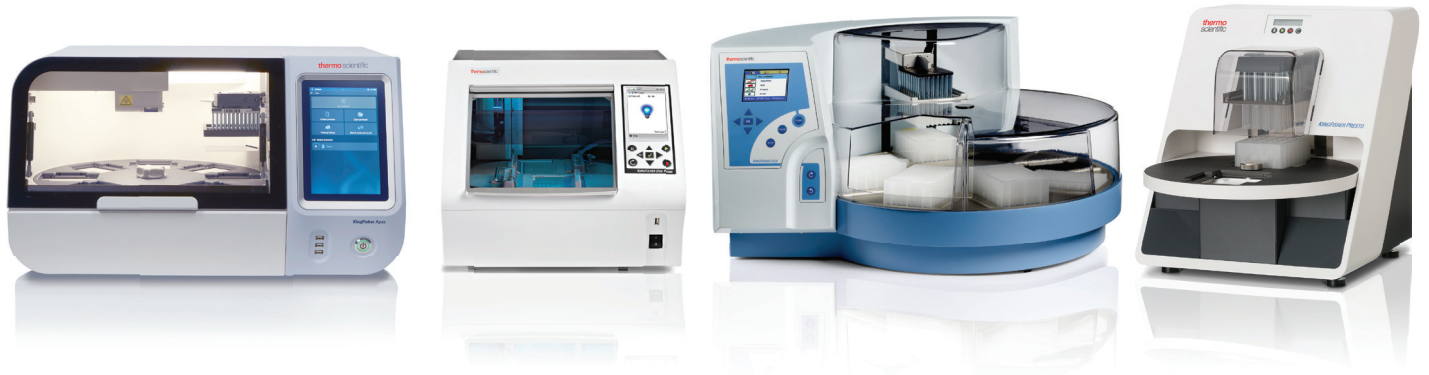
Your samples, powered by KingFisher instruments

Automated sample preparation for
DNA, RNA, protein, or cells

Find it at fishersci.com and fishersci.ca

 **fisher scientific**
part of Thermo Fisher Scientific

KingFisher instruments are ...



Consistent

The unique instrument design, moving magnetic beads instead of liquids, leads to cleaner extractions and consistent results with every run



Convenient

Easy to set up and run, or customize to fit your lab's needs



Versatile

Enables more applications than any other sample preparation instrument



Supported

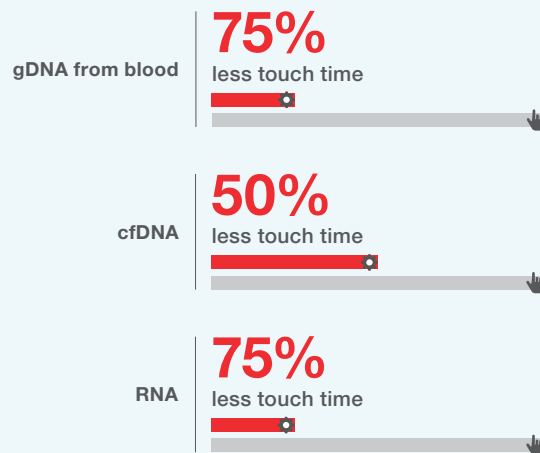
Backed by the industry's largest network of specialists dedicated to supporting these instruments

Why choose a KingFisher instrument?

Your samples, faster

Thermo Scientific™ KingFisher™ instruments save you valuable time by removing manual steps and reducing overall processing time, even when compared with other instruments.

■ Average time required using our automated solutions
■ Average time for manual sample prep



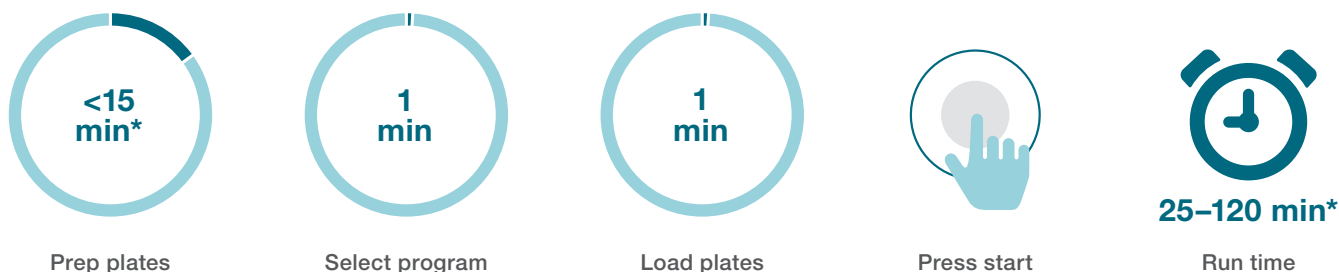
Your samples, consistently

KingFisher instruments reduce user processing errors while increasing the reproducibility of your results. Our data show that samples processed with KingFisher instruments have consistent results across runs and different users, which is important for more sensitive downstream applications such as qPCR, NGS, digital PCR, and mass spectrometry.

Your samples, more easily

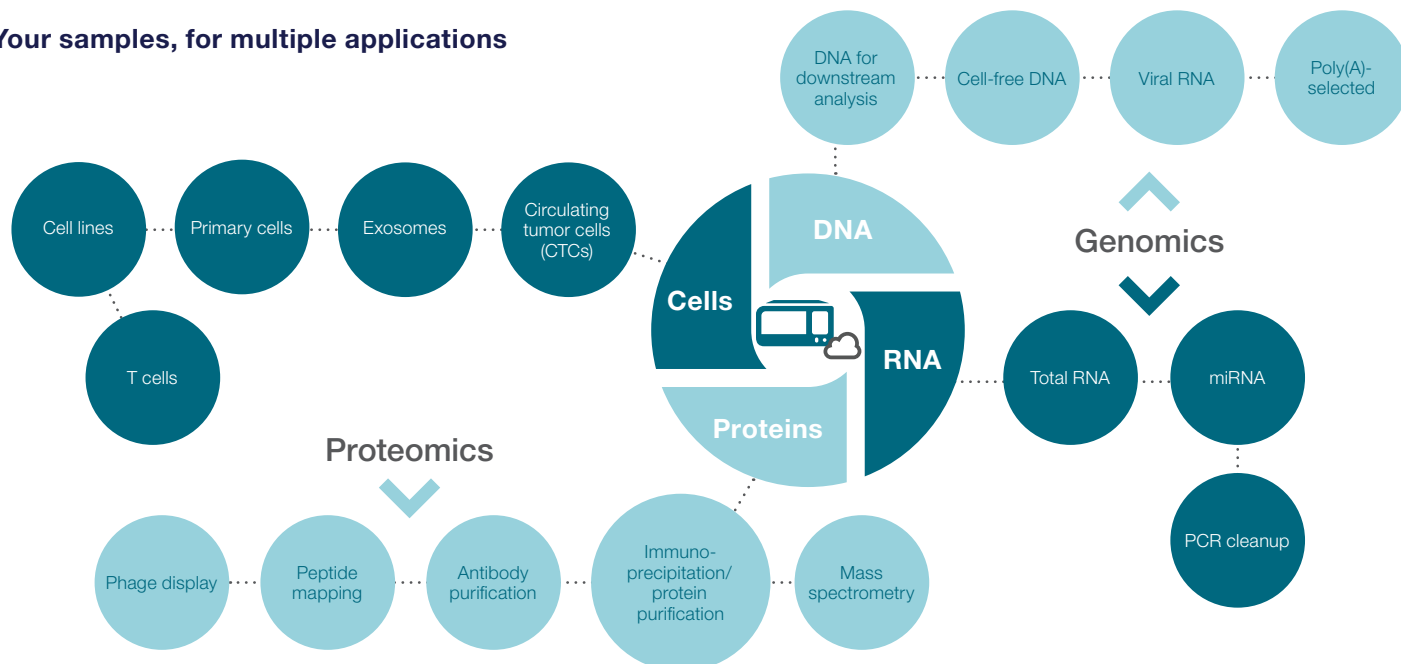
KingFisher instruments offer optimized, easy-to-follow protocols for nearly every downstream application or sample type.

Typical run with KingFisher instrument



* Can vary depending on application and instrument.

Your samples, for multiple applications



The KingFisher instrument experience

A complete system to automate sample preparation in your lab



Instrument

Select a KingFisher instrument based on your throughput needs



Kits and reagents

Choose kits and reagents from trusted brands, such as Applied Biosystems™ MagMAX™ kits and Invitrogen™ Dynabeads™ reagents



Customize

Use plastics, software, and interchangeable magnetic heads to customize and optimize your process

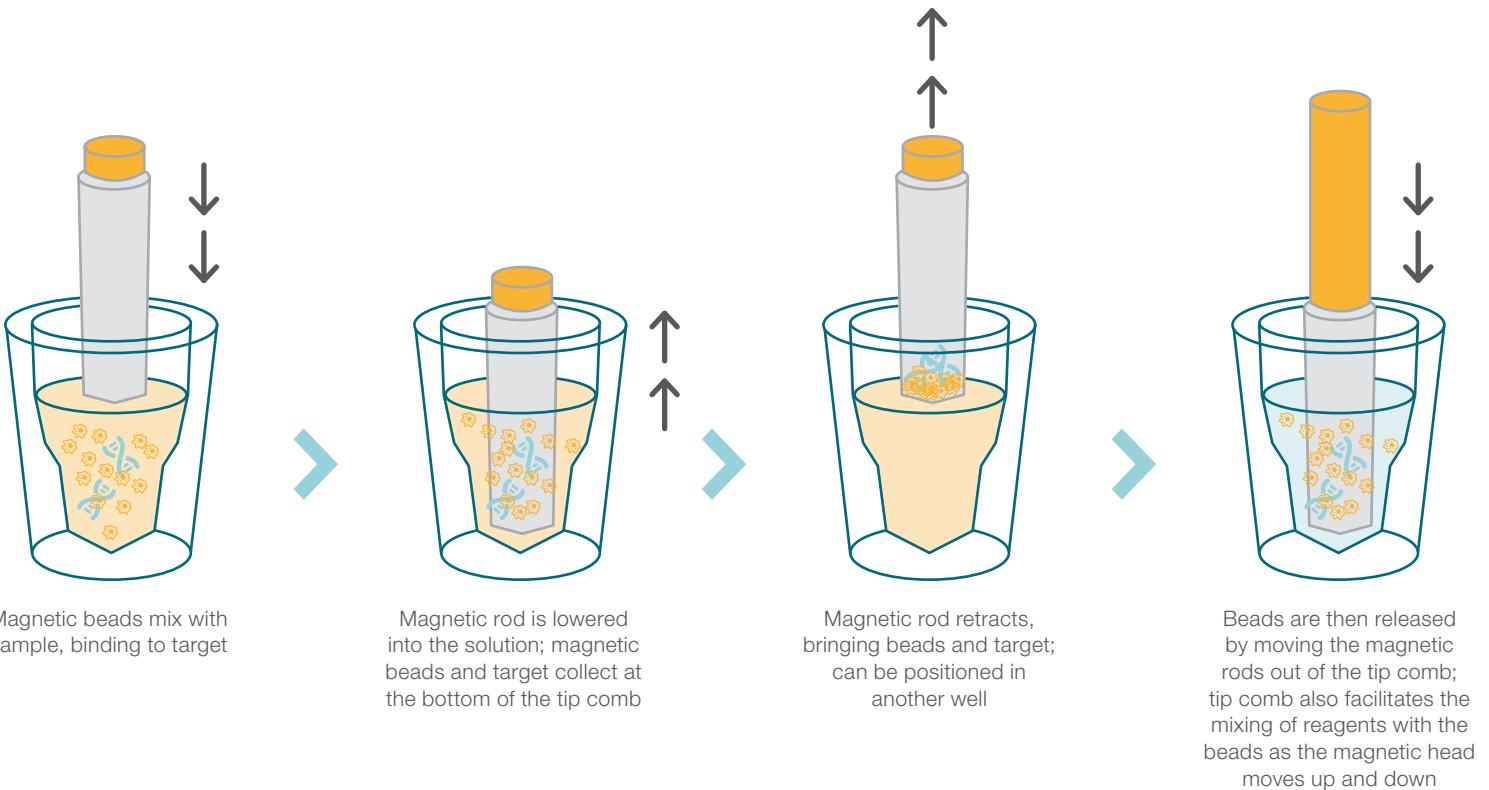


Support

Contact dedicated KingFisher instrument specialists for application and instrument support

How KingFisher instruments work

KingFisher instruments automate extraction of DNA, RNA, protein, and cells by moving magnetic beads (not liquids), leading to clean extractions and enabling consistent results. Using a simple process (bind, wash, elute), KingFisher instruments can automate the extraction of any analyte of interest with a bead on it.



KingFisher instruments

KingFisher instruments are the most versatile sample preparation instruments in the lab, and are elegantly designed to support multiple applications.

- **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 (touchscreen enabled for Thermo Scientific™ KingFisher™ Apex™ instrument only)
- **Optimized reagents**—compatible with multiple magnetic-bead reagents
- **Barcoded plastics**—achieve optimal performance with specially designed plastics (for KingFisher Apex instrument only)

Test a KingFisher platform in your lab

Specialists supporting the KingFisher instrument can provide an on-site demonstration of the system with your samples. They provide the instrument, consumables, and reagents from Thermo Fisher Scientific that are specific to your research needs. The demonstration includes instrument setup and use, protocol modification, and other FAQs. For more information, please contact your Fisher Scientific channel Life Science Specialist.

Find a model that meets your needs



KingFisher instrument:	Duo Prime	Flex	Apex	Presto
Instrument size	Compact benchtop	Benchtop	Benchtop	Benchtop—integrates with robotic liquid handler
Throughput level	Low to medium	High	High	Ultrahigh
Processing volume range	<ul style="list-style-type: none"> • 50–1,000 µL: 12-pin magnet head • 200–5,000 µL: 6-pin magnet head 	<ul style="list-style-type: none"> • PCR plate (20–100 µL*), skirted • 20–200 µL: 96-well plate • 50–1,000 µL: 96 deep-well plate • 200–5,000 µL: 24 deep-well plate 	<ul style="list-style-type: none"> • 15–1,000 µL: 96 deep-well plate • 15–200 µL: 96-well KingFisher standard plate • 10–80 µL: 96-well PCR plate • 30–5,000 µL: 24 deep-well plate • 30–200 µL: 96 storage tubes • 200–1,000 µL: 24 storage tubes 	<ul style="list-style-type: none"> • 50–1,000 µL: 96 deep-well plate • 200–5,000 µL: 24 deep-well plate • KingFisher 96 plate: 50–150 µL
Samples per run	6 or 12	24 or 96	24 or 96	24 or 96
Customizable protocols	Yes	Yes	Yes, with touchscreen or PC software	Yes
Heating/cooling	<ul style="list-style-type: none"> • 10°C to 75°C (plate row block A) • 4°C to 75°C (elution strip block) 	From 5°C above ambient temperature to 115°C	<ul style="list-style-type: none"> • From 4°C above ambient temperature to 100°C • Cooling down to 4°C 	From 5°C above ambient temperature to 115°C
Ultraviolet lamp	8 watts (up to 16 hr)	No	2 UV lamps, max 23 h 59 min	No
Additional details	For Research Use Only	For Laboratory Use	For Laboratory Use	For Laboratory Use

* Or similar skirted PCR plate.

KingFisher Apex instrument features

Write or edit protocols
directly on instrument

Intuitive
touchscreen interface



UV
decontamination

Barcode
scanning for
plate setup

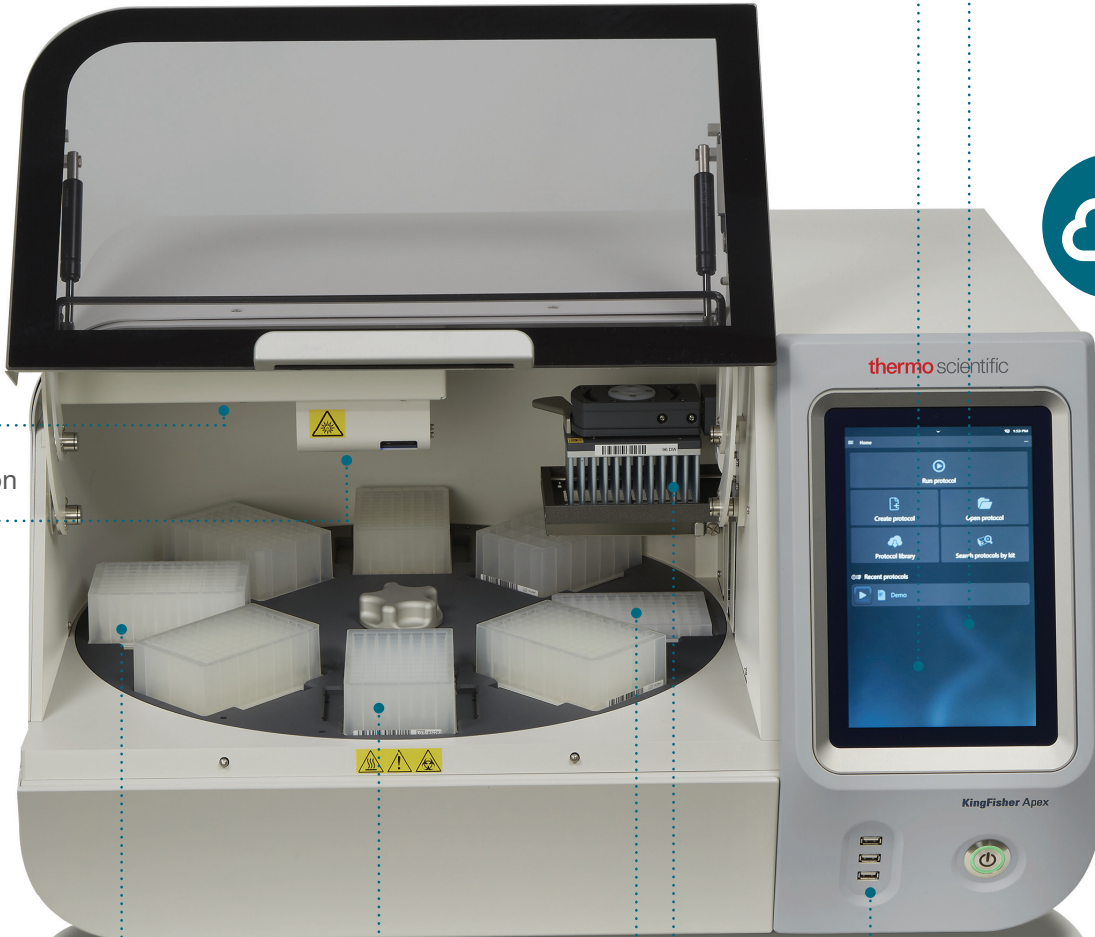
Storage tube elution

96-well, 24-well,
and PCR formats

Switch between
two magnet heads

Heating and
cooling blocks

Optional network
connectivity



 Cloud-enabled



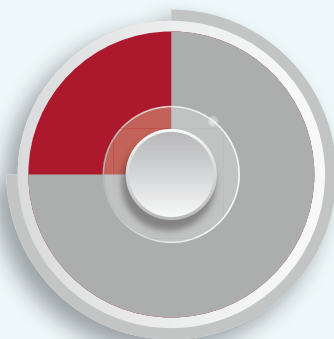
Enhanced performance

Achieve peak performance for purifying DNA, RNA, proteins, or cells, now with even greater flexibility for fast and reproducible results with almost any application.

- Elute in lower volumes (10 μ L) for demanding downstream applications
- Purify 24 or 96 samples in 25–65 min
- Control heating and cooling to maintain sample integrity
- Elute in storage tubes and revisit samples later
- Safeguard against contamination with 2 UV lights

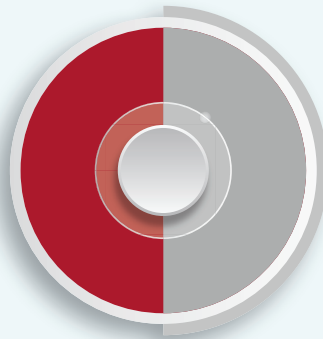
Sample prep as it should be—fast, flexible, consistent.*

gDNA from blood



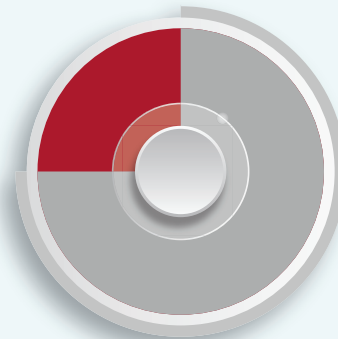
75%
less touch time

cfDNA




50%
less touch time


RNA



75%
less touch time

* Based on actual extraction times in lab

 Average time required using our automated solutions

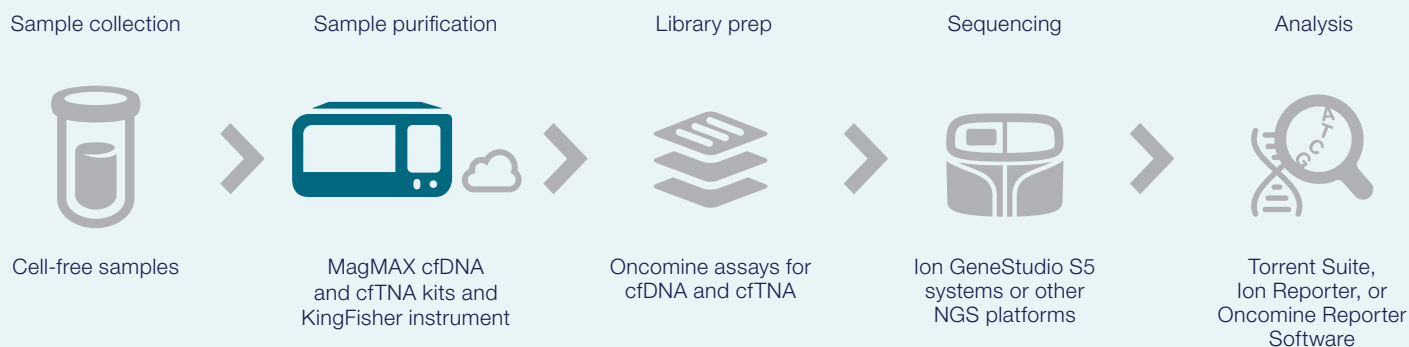
 Average time for manual sample prep

Featured KingFisher instrument applications

Liquid biopsy for cancer research

Rapid purification of nucleic acids from cell-free samples for liquid biopsy research. Optimized specifically for enrichment of cfDNA and cell-free total nucleic acid (cfTNA), not gDNA, which means increased recovery and lower starting volumes. Elute in volumes compatible with Ion Torrent™ Oncomine™ assays.








Sample workflow

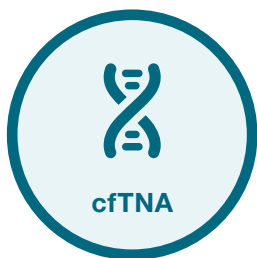


Recommended kits










Applied Biosystems™ MagMAX™ Cell-Free DNA Isolation Kit

 Sample type	Serum, plasma, and urine
 Sample input volume	0.5–10 mL plasma, 0.1–10 mL serum, 10 mL of urine
 Yield	40–50 ng from 4 mL plasma
 Elution volume	15–50 µL
 Total processing time	45–55 min total (10–15 min hands-on time)
 Reactions (rxn)	50 rxn for 2 mL plasma input 25 rxn for 4 mL plasma input
 Fisher Scientific Cat. No.	A29319



Applied Biosystems™ MagMAX™ Cell-Free Total Nucleic Acid Isolation Kit

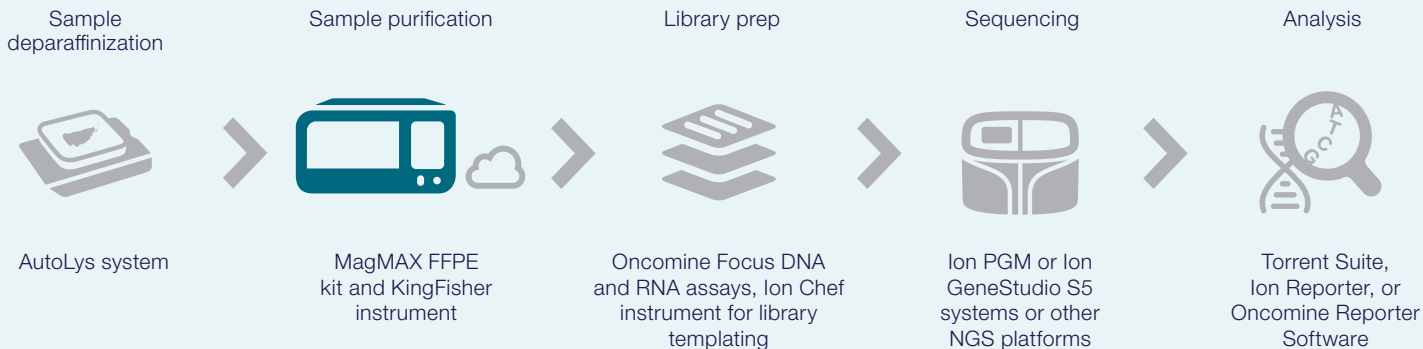
 Sample type	Serum and plasma
 Sample input volume	1–6 mL plasma
 Yield	Up to 50 ng DNA from 4 mL and 5–100 pg from 10 mL of sample input
 Elution volume	15–60 µL
 Total processing time	45–55 min total (10–15 min hands-on time)
 Reactions (rxn)	50 rxn for 2 mL plasma input 25 rxn for 4 mL plasma input
 Fisher Scientific Cat. No.	A36716

Find out more at thermofisher.com/cfdnaisolation

Formalin-fixed, paraffin-embedded (FFPE) samples

Sequentially isolate DNA and RNA from FFPE samples and get high-quality gDNA yields comparable to fresh-frozen blood.

Sample workflow



Recommended kits



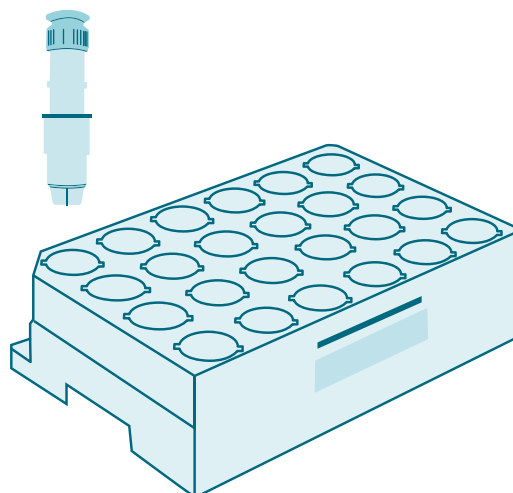
Applied Biosystems™ MagMAX™ FFPE DNA/RNA Ultra Kit

Sample type	FFPE tissue samples, such as resections, biopsies, and aspirates
Sample input volume	5–40 µm standard input of slides or curls
Elution volume	20–50 µL
Total processing time	20 min for DNA, 48 min for RNA
Reactions (rxn)	96 isolations (48 RNA and 48 DNA, or 96 DNA or 96 RNA)
Fisher Scientific Cat. No.	A31881

AutoLys system

Speed up your deparaffinization process with the Applied Biosystems™ AutoLys system. Comprised of pretreated tubes and a rack system to reduce pipetting steps, the system eliminates the need for hazardous chemicals and minimizes loss of tissue sample.

Note: Not included with the Applied Biosystems™ MagMAX™ FFPE DNA/RNA Ultra Kit.



Find out more at

thermofisher.com/ffpeisolation

DNA for downstream analysis

Extract high-quality DNA that is compatible with sequencing or array platforms, from a range of sample types. Choose from multiple protocols, but only two options for either large or small volume inputs, without normalization.

Sample workflow

Sample collection



Compatible with multiple sample types



Sample purification



MagMAX DNA Multi-Sample Ultra 2.0 Kit and KingFisher instrument



Analysis










Compatible with multiple downstream applications

- qPCR
- Sequencing (NGS or CE platform)
- Array
- Digital PCR

Recommended kits

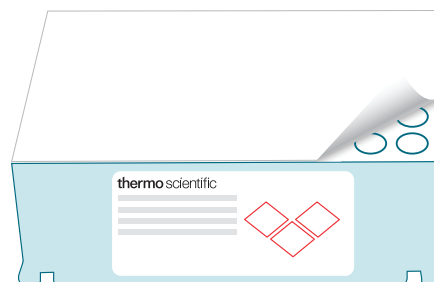


Applied Biosystems™ MagMAX™ DNA Multi-Sample Ultra 2.0 Kit

 Sample type	Multiple, including whole blood, swabs, tissue, and more
 Sample input volume	50 µL–2 mL
 Yield	1.5–4 µg (50 µL of blood) 2–12 µg (1 buccal swab)
 Elution volume	50 µL–1 mL
 Total processing time	6–96 samples in 30–45 min depending on sample type
 Reactions (rxn)	1 kit = 100 rxn of 50–400 µL volume or 200 rxn of <200 µL volume; bulk reagents sold separately
 Fisher Scientific Cat. No.	A36570

KingFisher instrument–ready reagents

Reduce your pipetting steps with new prefilled reagent plates for the Thermo Scientific™ KingFisher™ Duo Prime and Thermo Scientific™ KingFisher™ Flex instruments. Now, MagMAX DNA Multi-Sample Ultra 2.0 isolation reagents come prefilled into the plates that go in the KingFisher instrument. Just peel off the plate cover, add lysed samples, and load plates onto the instrument. Find out more at thermofisher.com/kingfisherready



Find out more at thermofisher.com/magmaxultra and thermofisher.com/kingfisherready

RNA for gene expression

Isolate total RNA, as well as small RNAs such as microRNA (miRNA), from a wide variety of sample types using a phenol-free extraction (no organic extraction).

Sample workflow

Sample collection



Compatible with multiple sample types



Sample purification



MagMAX *mirVana* kit and KingFisher instrument



Analysis



Compatible with multiple downstream applications

- qPCR
- Sequencing (NGS or CE platform)
- Array
- Digital PCR

Recommended kits



Applied Biosystems™ MagMAX™ *mirVana*™ Total RNA Isolation Kit

Sample type	Multiple, including plasma/serum, whole blood, tissue, cell culture, urine
Sample input volume	50 µL of blood, up to 50 mg of tissue, 1 x 10 ⁶ cells, 100 µL of plasma or serum, 250 µL of urine
Yield	100 ng RNA from whole blood (50 µL) 600 ng from 5 mg mouse brain 2.5 µg from 5 mg mouse liver
Elution volume	50 µL
Total processing time	1.5–2 hr total time (20 min hands-on time)
Reactions (rxn)	96 rxn
Fisher Scientific Cat. No.	A27828

Find out more at thermofisher.com/magmaxmirvana

Genetic testing

Speed up your processing of saliva samples for genetic testing. Recover DNA that is compatible with NGS and array platforms, from 96 samples, in 25 minutes.

Reagents were tested with the 10 most common saliva collection devices to confirm consistent results.

Sample workflow

Sample collection

Sample purification

Target prep

Array processing

Analysis



Compatible with multiple saliva collection devices

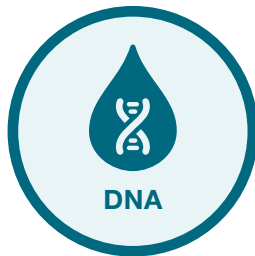
MagMAX saliva kit and KingFisher instrument

Axiom reagents and consumables








GeneTitan MC Instrument or other array platform

Axiom Analysis Suite

Recommended kits



Applied Biosystems™ MagMAX™ gDNA Saliva Kit

	Sample type	Fresh and preserved saliva
	Sample input volume	200 µL–2 mL
	Yield	100 ng/µL saliva on average (yield is dependent on each individual donor)
	Elution volume	50 µL
	Total processing time	25 min (5 min hands-on time)
	Reactions (rxn)	100 rxn 500 rxn
	Fisher Scientific Cat. No.	A39059, A39060

Find out more at [thermofisher.com/saliva](https://www.thermofisher.com/saliva)

Infectious disease and microbiome research

Sample workflow

Sample collection



Compatible with multiple sample types

Sample purification



MagMAX microbiome kit and KingFisher instrument

Analysis



Compatible with multiple downstream applications

- Viral/pathogen
- qPCR
- Microbiome
- Sequencing
- Digital PCR

Virus and pathogen detection

- Recovery—compatible with low-titer samples
- No carrier required—less interference with NGS and fewer steps required

Microbiome research

- Enzyme-based digestion
- Recover from a wide range of microorganisms without additional processing steps

Recommended kits



Applied Biosystems™ MagMAX™ Microbiome Ultra Nucleic Acid Isolation Kit

	Sample type	Stool, soil, swabs, urine, and saliva
	Sample input volume	100 mg of stool, 250 mg of soil, 400 µL of biofluid
	Yield	40–60 µg of stool, 5–10 µg of soil
	Elution volume	50–200 µL or more
	Total processing time	50 min for stool, 70 min for soil and biofluid
	Reactions (rxn)	100 rxn
	Fisher Scientific Cat. No.	A42357 (with plate), A42358 (with tubes)

Applied Biosystems™ MagMAX™ Viral/Pathogen Nucleic Acid Isolation Kit

	Sample type	Plasma, whole blood, urine, BAL, VTM, serum, CSF, and saliva
	Sample input volume	200 µL–2 mL
	Detection limit	≥50 copies
	Elution volume	50–100 µL
	Total processing time	40 min
	Reactions (rxn)	100 rxn
	Fisher Scientific Cat. No.	A42352

Applied Biosystems™ MagMAX™ Viral/Pathogen Ultra Nucleic Acid Isolation Kit

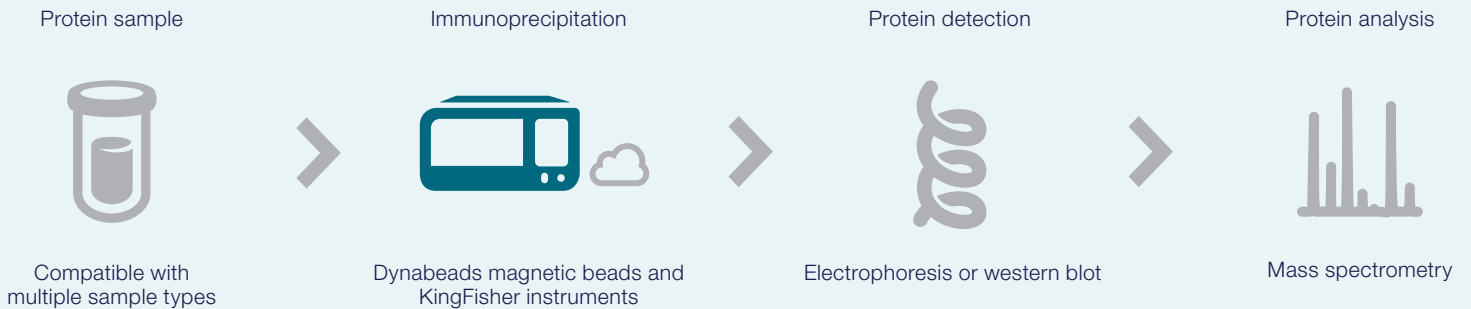
	Sample type	Swabs, plasma, whole blood, urine, BAL, VTM, serum, CSF, and saliva
	Microbes	Lysed virus, yeast, fungus, gram-negative and gram-positive bacteria
	Sample input volume	200 µL–2 mL
	Detection limit	≥50 viral copies, ≥1,000 CFU (bacteria or fungi)
	Elution volume	60–100 µL
	Total processing time	65 min
	Reactions (rxn)	100 rxn
	Fisher Scientific Cat. No.	A42356

Find out more at thermofisher.com/magmaxmicrobiome and thermofisher.com/magmaxviralpathogen

Immunoprecipitation (IP)

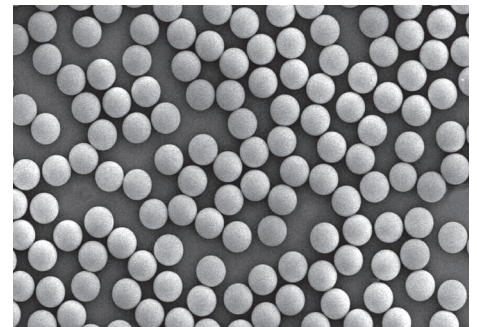
KingFisher instruments with Invitrogen™ Dynabeads™ magnetic beads offer the best balance of high yield and reproducibility with low nonspecific binding, which is one reason they have become the gold standard for immunoprecipitation using magnetic beads.

Sample workflow



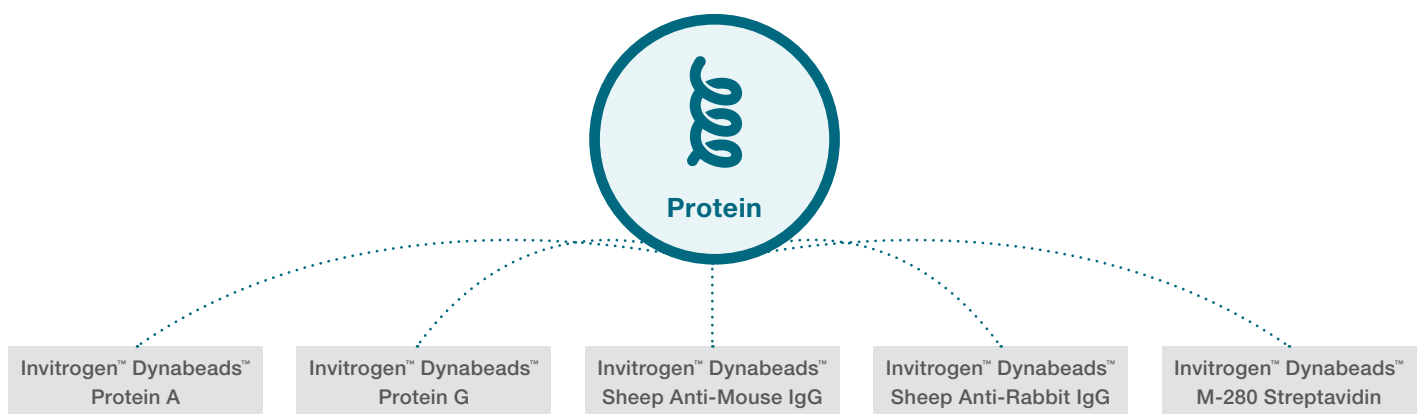
Dynabeads magnetic beads for IP

- Automated IP in 40 min
- High yield with low antibody consumption and low nonspecific binding
- Rapid target binding; short incubation and separation times



Dynabeads products are the most uniform monodisperse superparamagnetic beads on the market, manufactured with highly controlled product qualities to help ensure the highest degree of reproducibility.

Recommended kits

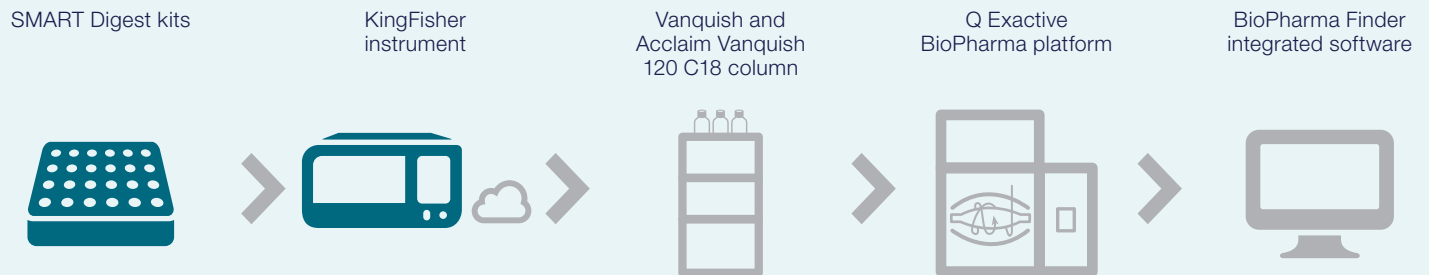


Find out more at [thermofisher.com/immunoprecipitation](https://www.thermofisher.com/immunoprecipitation)

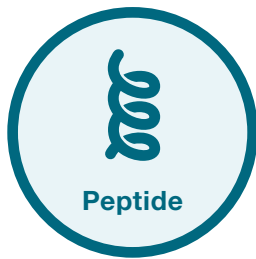
Peptide mapping and quantitation

Amazingly fast, simple, reproducible, and sensitive protein digestion with immunoaffinity capture, giving you higher confidence in your chromatography and liquid chromatography-mass spectrometry (LC-MS) results.




Peptide mapping workflow



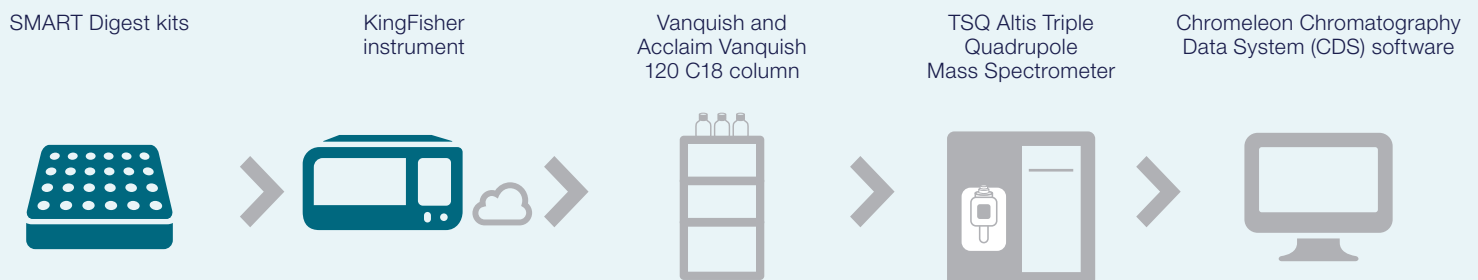
Recommended kits



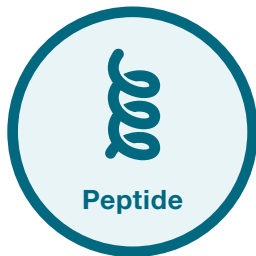
Thermo Scientific™ SMART Digest™ kits for peptide mapping

	Sample type	Cell broth/plasma/serum
	Sample input volume	Up to 50 µL (200 pg–3.5 mg of total protein)
	Total processing time	Typical mAb ~45 min (dependent on size and complexity of protein)




Peptide quantitation workflow



Recommended kits



Thermo Scientific™ SMART Digest™ immunoaffinity kits for peptide quantitation

	Sample type	Cell broth/plasma/serum
	Sample input volume	Up to 50 µL (200 pg–3.5 mg of total protein)
	Total processing time	Typical mAb ~3–4 hr (dependent on size and complexity of protein)

Find out more at thermofisher.com/smartdigest

Protein purification

Thermo Scientific™ Pierce™ magnetic agarose beads support a variety of ligands for IP, co-IP, pull-down, and other high-throughput affinity screening applications utilizing immobilized protein A/G, Ni-NTA, glutathione, and anti-FLAG.

Sample workflow

Sample collection



Compatible with multiple sample types



Protein purification



Pierce beads and KingFisher instruments



Protein detection



Electrophoresis or western blot

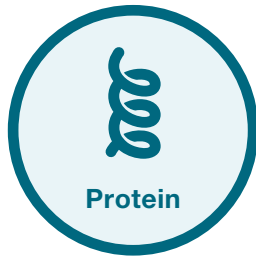


Protein analysis



Mass spectrometry

Recommended kits



Thermo Scientific™ Pierce™ magnetic agarose beads

- **High binding**—up to 100-fold greater binding capacity than traditional magnetic beads
- **More choices**—multiple ligands available for different purification strategies, including immobilized protein A/G, Ni-NTA, glutathione, and anti-FLAG
- **Automation-compatible**—can be used with magnetic particle processors for higher-throughput applications
- **Flexible**—can scale up or down as needed using adaptable protocols

Learn more at thermofisher.com/mag-agarose

Additional KingFisher applications

mRNA

Target and capture the mRNA transcriptome from an extremely wide variety of crude starting samples using Invitrogen™ Dynabeads™ mRNA DIRECT™ kits. These kits are designed for simple and rapid isolation of pure, intact poly(A) RNA directly from the crude lysate of animal and plant cells and tissues. The isolated mRNA is suitable for use in all downstream applications.

- **Fast**—15 minute procedure yields pure, intact mRNA
- **Sensitive**—enables cDNA synthesis and cDNA library construction from ultrasmall starting samples

Plant DNA or RNA








Use the Applied Biosystems™ MagMAX™ Plant DNA and RNA kits for automation-ready purification of DNA and RNA from a wide variety of plant species.

- Purification of total RNA from a wide variety of plant species and tissue types, including plant fungus
- Purified RNA is free of proteins, nucleases, and other contaminants or inhibitors
- Optimized for the isolation of DNA from 10–100 mg plant samples

Recommended kits









Dynabeads mRNA DIRECT kits

 Sample type	Blood, cells, FFPE and fixed samples, liquid samples (e.g., serum), plant samples, RNA, tissue, viral samples, yeast
 Sample input volume	Up to 20 x 10 ⁶ cells 2–200 mg animal tissue 4–400 mg plant tissue
 Yield	2 µg of mRNA per 1 mg of Dynabeads oligo(dT)
 Elution volume	10–100 µL
 Total processing time	15 min
 Reactions (rxn)	20 or 40 rxn
 Fisher Scientific Cat. No.	61011LS, 61012



MagMAX Plant DNA Kit and RNA Kit

	DNA	RNA
 Sample type	Plant tissue	
 Sample input volume	Up to 100 mg	
 Yield	Varies based on starting material	
 Total processing time	<40 min for DNA	Up to 75 min for RNA
 Reactions (rxn)	96 or 384 rxn	
 Fisher Scientific Cat. No.	A32549, A32580	A33784, A33899

Customize your KingFisher system

Customize your protocols

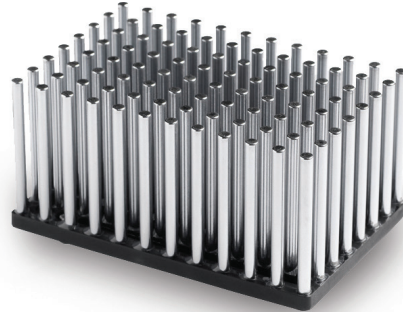
Thermo Scientific™ BindIt™ Software allows you to easily create, modify, and store your protocols.

- Included with purchase of your KingFisher instrument
- Modify prewritten protocols or create your own to handle more applications

Search our extensive library of automated protocols at thermofisher.com/kingfisherprotocols

Interchangeable magnetic heads

The magnetic head can be easily switched without tools, depending on your plate setup, allowing you to run large or small volumes.

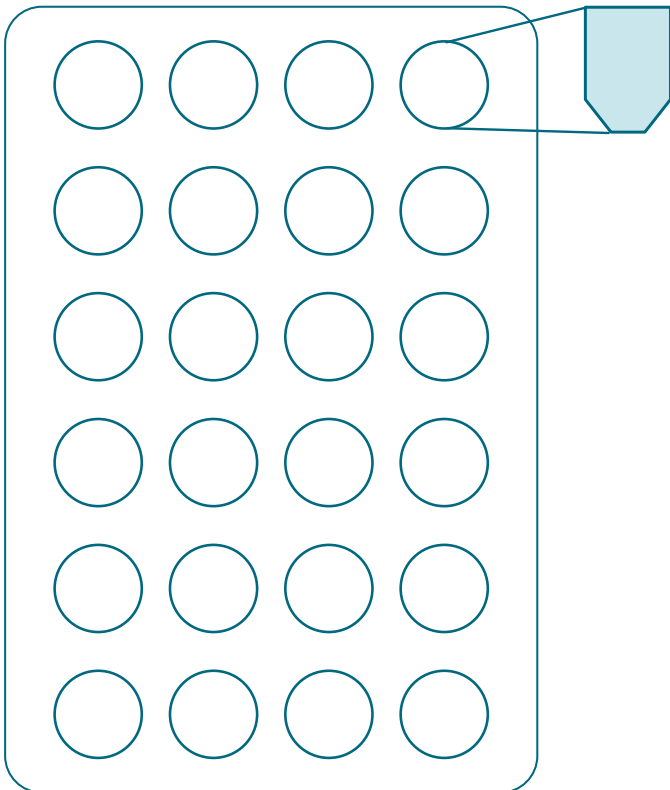


KingFisher plate formats

KingFisher instruments support a 24- or 96-well plate format for greater flexibility of input volume.

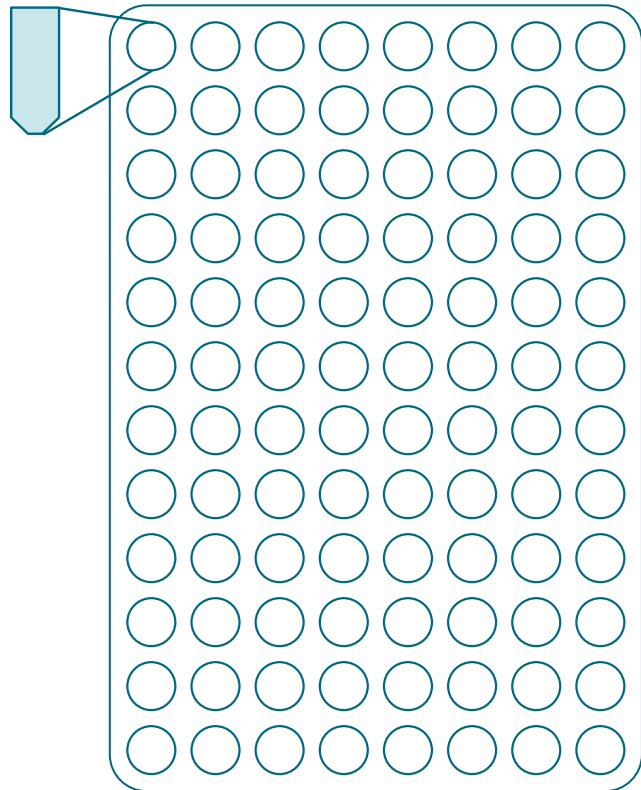
24 deep-well plates

200–5,000 μL



96 deep-well plates

50–1,000 μL



KingFisher plastics for KingFisher instruments

Designed for KingFisher instruments

Both the yield and quality of isolated protein or nucleic acid are significantly improved with special plates and tip combs designed for KingFisher systems.

- Made of polypropylene
- Low binding affinity for biomolecules, ideal for magnetic particle processing

- Sterile plastics come with a purity certificate and are guaranteed to be free of RNases, DNases, and contamination from DNA or endotoxins

KingFisher instrument:	Duo Prime	Flex	Apex	Presto	Fisher Scientific Cat. No.
Plastics for 96 deep-well format					
KingFisher Apex 96 combi tip comb			✓		97002570
KingFisher 96 deep-well plate, barcoded			✓		14387349
KingFisher 96 deep-well plate, sterile, barcoded			✓		14387350
KingFisher 96 tip comb for deep-well magnet, barcoded			✓		14387354
KingFisher 96 deep-well tip comb and plate, sterile, barcoded			✓		14387358
Nunc 96 storage tubes*			✓		374086
KingFisher 96 deep-well plate	✓	✓		✓	22387031
KingFisher 96 deep-well plate, sterile	✓	✓		✓	22387032
KingFisher 96 tip comb for deep-well magnet		✓		✓	22387029
KingFisher 96 deep-well tip comb and plate, sterile		✓		✓	97002820
Plastics for 96 standard and PCR formats					
KingFisher Apex 96 PCR tip comb			✓		97002560
KingFisher 96 microplate (200 µL), barcoded			✓		97002540B
KingFisher 96 tip comb for KingFisher magnets, barcoded			✓		14387353
PCR plate, 96 deep-well, clear, clear wells*			✓		AB2396
PCR plate, 96 deep-well, semi-skirted, low profile, clear wells*			✓		AB2496
KingFisher 96 microplate (200 µL)		✓		✓	22387030
PCR plate, skirted (or similar PCR plate)*		✓			AB1300
KingFisher 96 tip comb for KingFisher magnets		✓			22387028
KingFisher 96 tip comb for PCR magnets		✓			22387027

* Recommended plastics.

KingFisher plastics for KingFisher instruments

KingFisher instrument:	Duo Prime	Flex	Apex	Presto	Fisher Scientific Cat. No.
Plastics for 24 deep-well format					
KingFisher Apex 24 combi tip comb			✓		97002580
KingFisher 24 deep-well plate, barcoded			✓		14387351
KingFisher 24 deep-well plate, sterile, barcoded			✓		14387352
KingFisher 24 deep-well tip comb and plate, barcoded			✓		14387356
KingFisher 24 deep-well tip comb and plate, sterile, barcoded			✓		14387357
Nunc 24 storage tubes*			✓		12590003
KingFisher 24 deep-well plate	✓	✓		✓	22387034
KingFisher 24 deep-well plate, sterile	✓	✓		✓	22387035
KingFisher 24 deep-well tip comb and plate		✓		✓	22387033
KingFisher 24 deep-well tip comb and plate, sterile		✓		✓	14387739
Plastics available for Duo Prime instrument only					
KingFisher Duo Prime 6-tip combs and 24 deep-well plate (12 pieces of 24 deep-well plates, each including 4 tip combs)	✓				14387292
KingFisher Duo Prime 12-tip comb, for 96 deep-well plate	✓				14387291
KingFisher Duo Prime 12-tip elution strip	✓				14387293
KingFisher Duo Prime elution strip cap for 12 pin magnet	✓				14387737
KingFisher combi pack for microtiter 96 deep-well plate, includes 8 each of: <ul style="list-style-type: none"> • 96 deep-well plate • 12-tip comb • Elution strip • Cap for elution strip 	✓				14387294

* Recommended plastics.

Ordering information

Product	Fisher Scientific Cat. No.
KingFisher instruments	
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
KingFisher Flex Purification System with 96 PCR Head**	501527922
KingFisher Flex Purification System with 96 KingFisher Head**	501527923
KingFisher Flex Purification System with 24 Deep-Well Head**	501527925
KingFisher Flex Purification System with 96 Deep-Well Head**	501527924
KingFisher Duo Prime Purification System	14387700
KingFisher Presto Purification System with 24 Deep-Well Head**	501527931
KingFisher Presto Purification System with 96 Deep-Well Head**	501527930
Nucleic acid purification products	
KingFisher Duo-Ready DNA Ultra 2.0 Prefilled Plates	FERA36584
KingFisher Flex-Ready DNA Ultra 2.0 Prefilled Plates	FERA36586
MagMAX <i>mirVana</i> Total RNA Isolation Kit	A27828
MagMAX DNA Multi-Sample Ultra 2.0 Kit*	A36570
MagMAX Saliva gDNA Isolation Kit*	A39060
MagMAX Cell-Free DNA Isolation Kit*	A29319
MagMAX Cell-Free Total Nucleic Acid Isolation Kit*	A36716
MagMAX FFPE DNA/RNA Ultra Kit*	A31881
MagMAX Microbiome Ultra Nucleic Acid Isolation Kit*	A42357, A42358
MagMAX Viral/Pathogen Nucleic Acid Isolation Kit*	A42352
MagMAX Viral/Pathogen Ultra Nucleic Acid Isolation Kit*	A42356
MagMAX Plant DNA Isolation Kit*	A32549
MagMAX Plant RNA Isolation Kit	A33784
Dynabeads mRNA DIRECT Purification Kit	61011LS
Immunoprecipitation and protein products	
Dynabeads Protein A	10002D
Dynabeads Protein G	10004D
Dynabeads M-280 Sheep Anti-Mouse IgG	11202D
Dynabeads M-280 Sheep Anti-Rabbit IgG	11204D
Dynabeads M-280 Streptavidin	11206D
Dynabeads His-Tag Isolation and Pulldown	10103D
Pierce Streptavidin Magnetic Beads	PI88817
Pierce Protein A/G Magnetic Beads	PI88803
Pierce Protein A/G Magnetic Agarose Beads	PI78609
Pierce Ni-NTA Magnetic Agarose Beads	PI78605
Pierce Anti-DYKDDDDK Magnetic Agarose Beads	PIA36797
Pierce Glutathione Magnetic Agarose Beads	PI78601
SMART Digest kits for peptide mapping and quantitation	03252203
	03252218
SMART Digest IA kits for peptide quantitation	13622458
	13622459

* May be purchased as individual bulk reagents.

** For Laboratory Use.

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