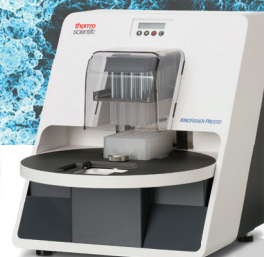
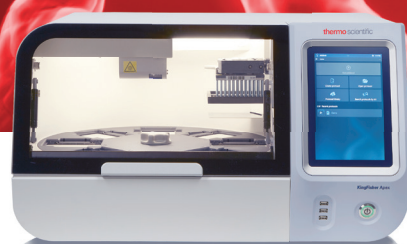


sample prep

thermo
scientific

applied
biosystems

invitrogen

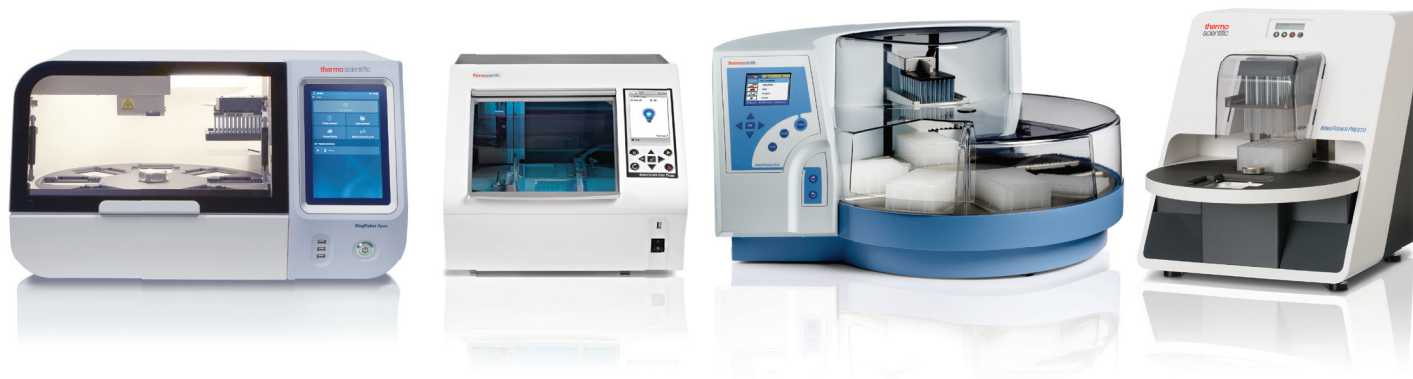


Your samples, powered by KingFisher instruments

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

ThermoFisher
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.

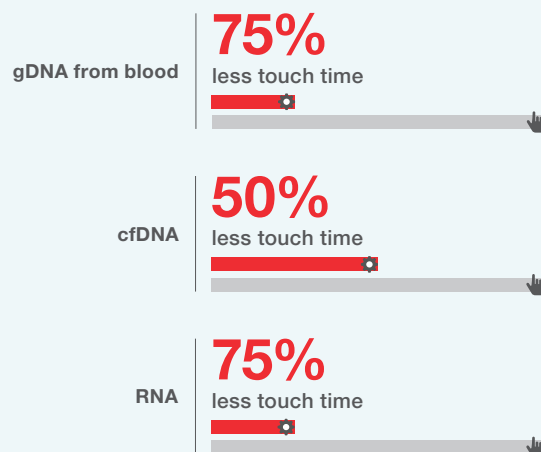
Your samples, consistently

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.

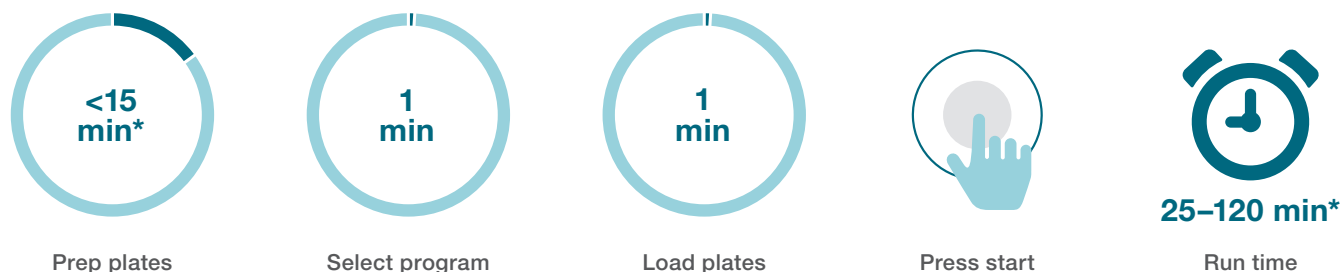
Your samples, more easily

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

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

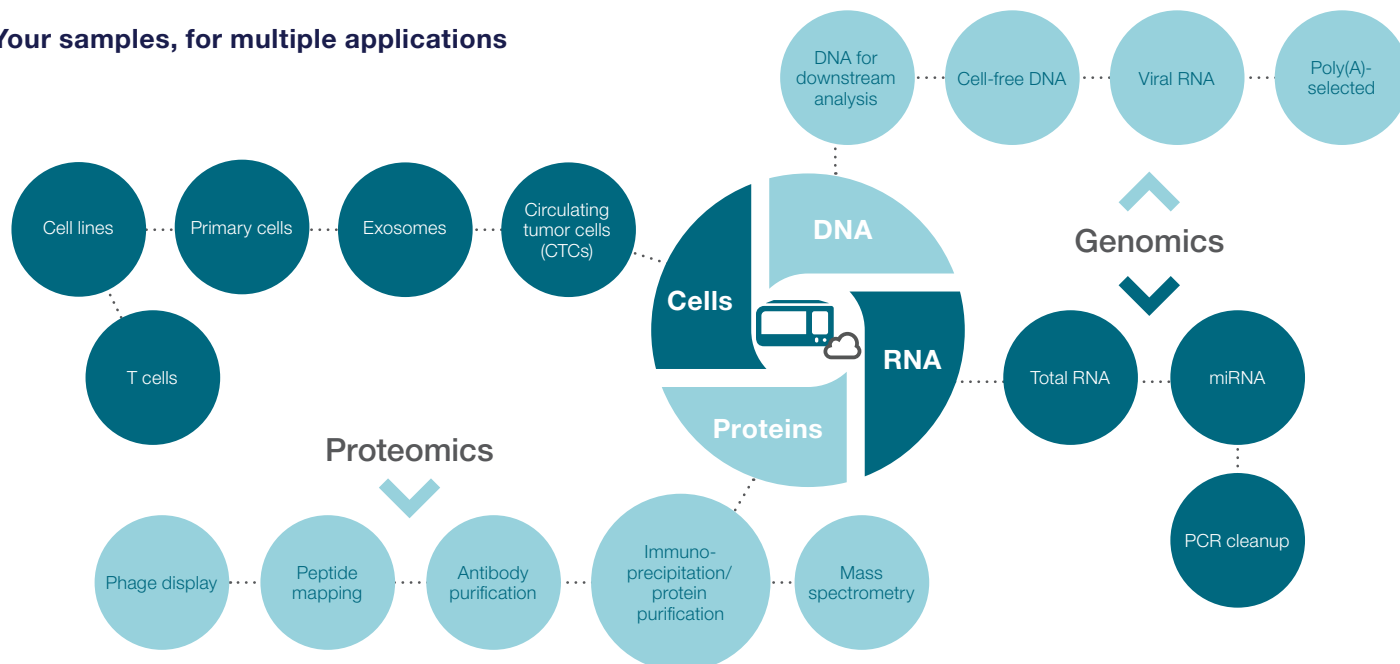


Typical run with KingFisher instrument



* 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

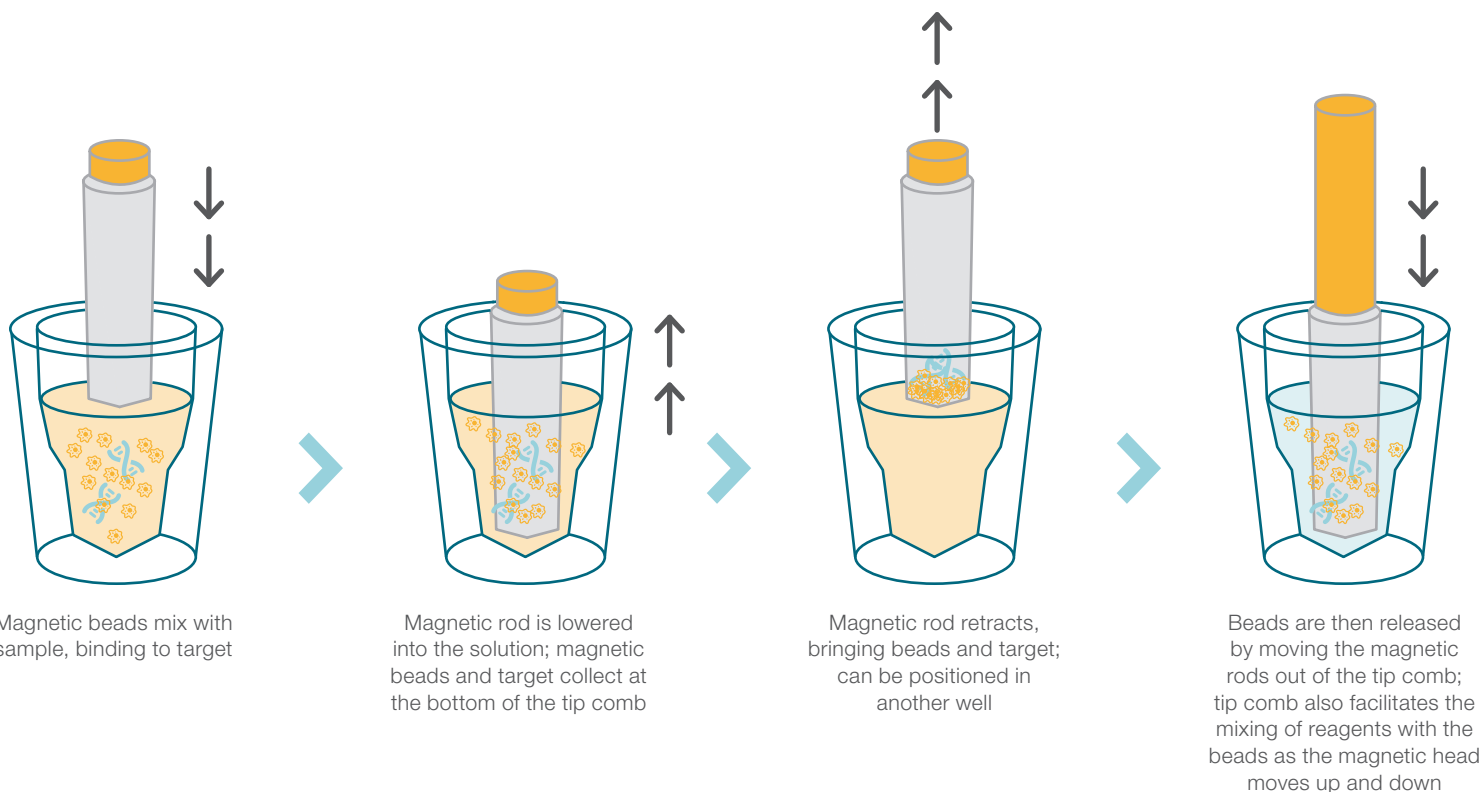


Support

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. Find out more at thermofisher.com/kingfisherdemo

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



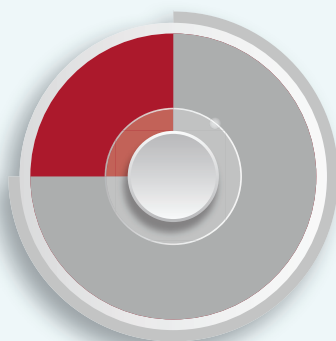
Enhanced performance

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

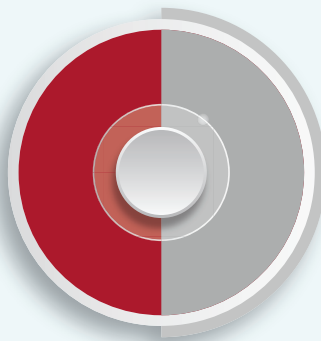
Sample prep as it should be—fast, flexible, consistent.*

gDNA from blood



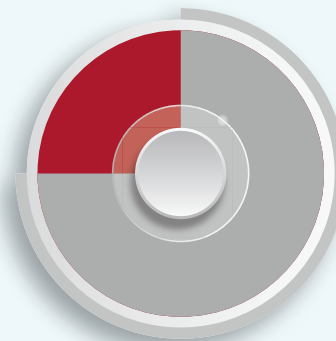
75%
less touch time

cfDNA



50%
less touch time

RNA



75%
less touch time

* Based on actual extraction times in lab

■ Average time required using our automated solutions

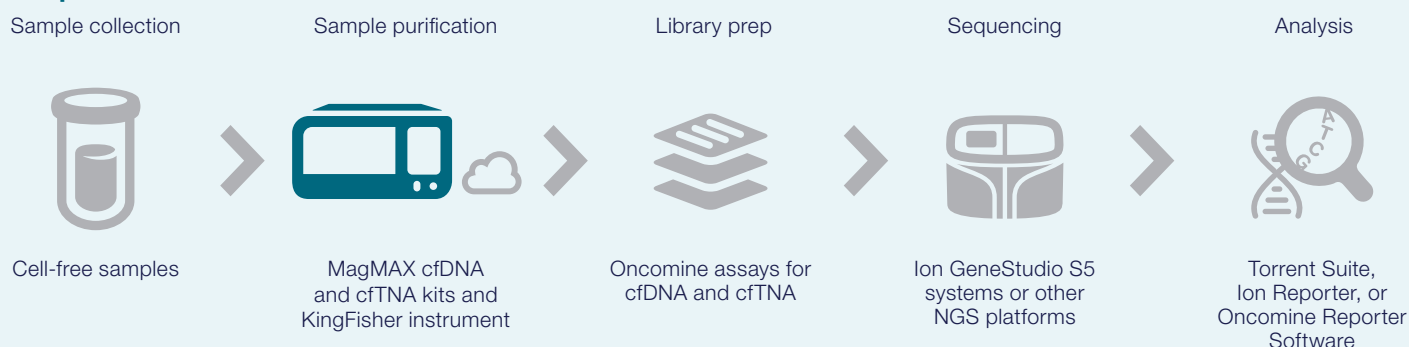
■ Average time for manual sample prep

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

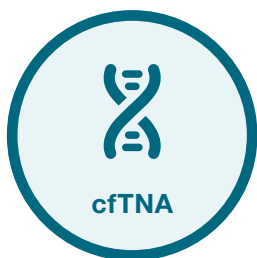


Recommended kits



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 |
| | Cat. No. | A29319 |



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

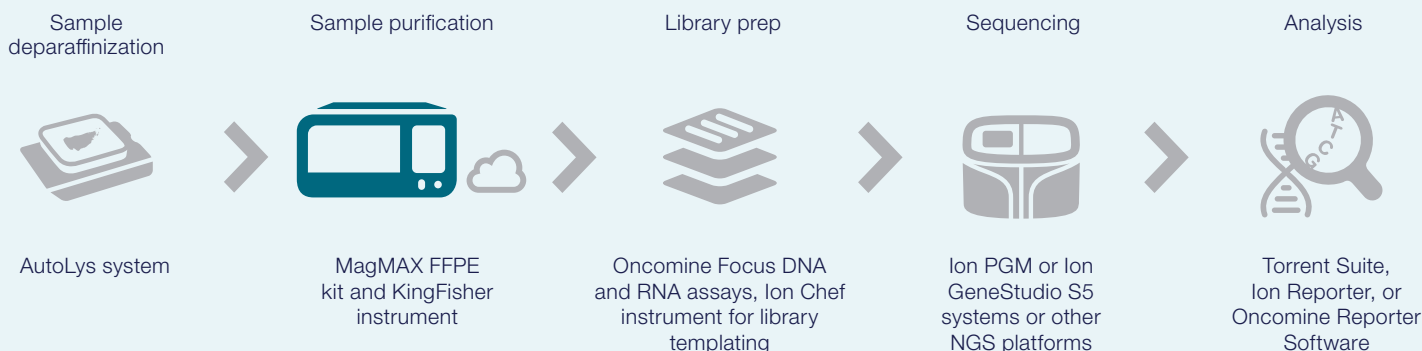
| | | |
|--|------------------------------|---|
| | Sample type | Serum and plasma |
| | Sample input volume | 1–6 mL plasma |
| | Yield | Up to 50 ng DNA from 4 mL and 5–100 pg from 10 mL of sample input |
| | Elution volume | 15–60 µL |
| | Total processing time | 45–55 min total (10–15 min hands-on time) |
| | Reactions (rxn) | 50 rxn for 2 mL plasma input 25 rxn for 4 mL plasma input |
| | 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



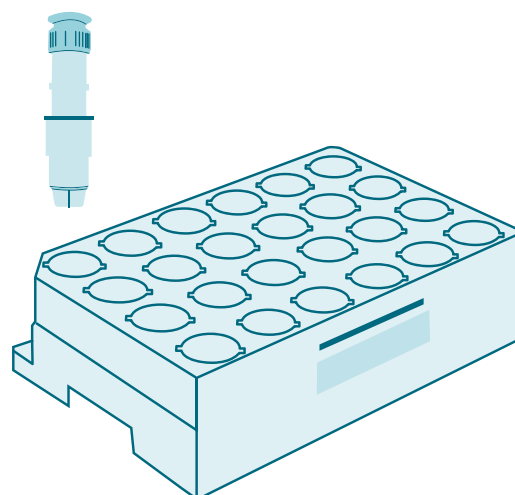
Applied Biosystems™ MagMAX™ FFPE DNA/RNA Ultra Kit

| | |
|--|--|
|  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) |
|  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.



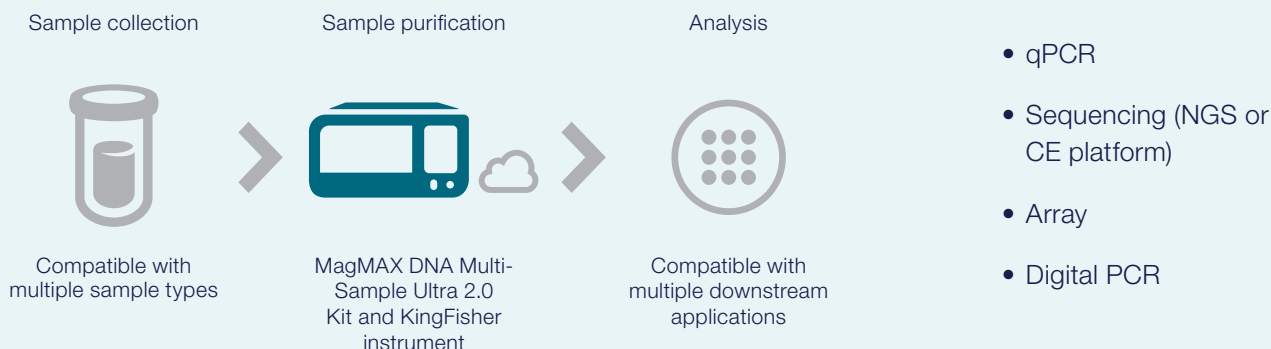
Find out more at

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



Recommended kits

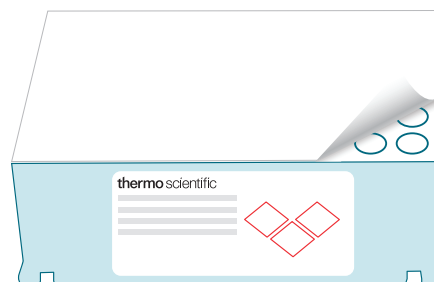


Applied Biosystems™ MagMAX™ DNA Multi-Sample Ultra 2.0 Kit

| | | |
|---|------------------------------|---|
|  | 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 |
|  | 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 |
|  | Cat. No. | A27828 |

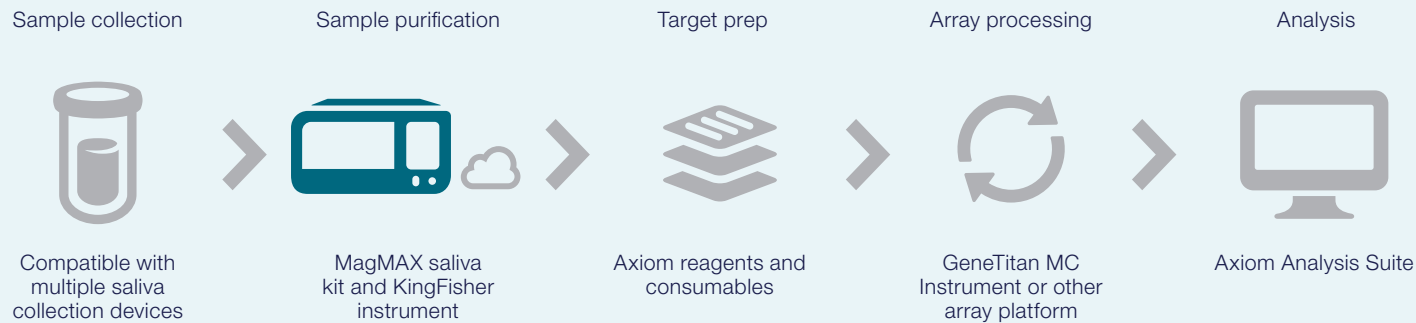
Find out more at thermofisher.com/magmaxmirvana

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



Recommended kits



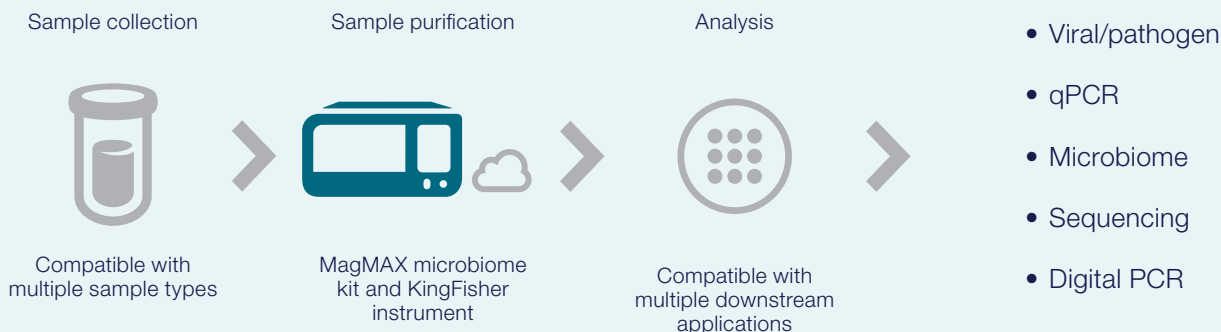
Applied Biosystems™ MagMAX™ gDNA Saliva Kit

| | | |
|--|------------------------------|---|
| | 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 |
| | Cat. No. | A39059, A39060 |

Find out more at thermofisher.com/saliva

Infectious disease and microbiome research

Sample workflow



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 |
| | 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 |
| | Cat. No. | A42352 |

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

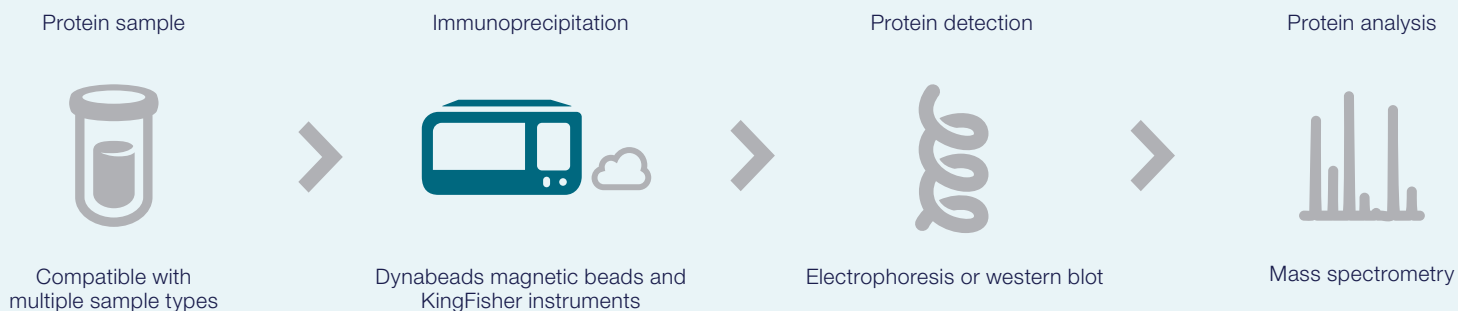
| | | |
|--|------------------------------|--|
| | Sample type | Swabs, plasma, whole blood, urine, BAL, VTM, serum, CSF, and saliva |
| | Microbes | Lysed virus, yeast, fungus, gram-negative and gram-positive bacteria |
| | Sample input volume | 200 µL–2 mL |
| | Detection limit | ≥50 viral copies,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

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

Immunoprecipitation (IP)

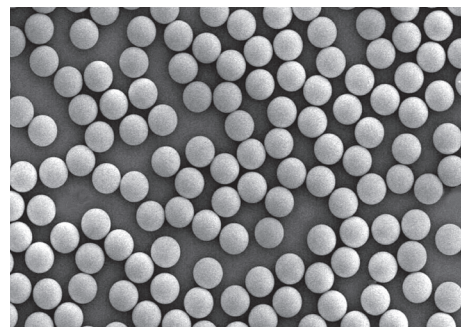
KingFisher instruments with Invitrogen™ Dynabeads™ magnetic beads offer the best balance of high yield and reproducibility with low nonspecific binding, which is one reason they have become the gold standard for immunoprecipitation using magnetic beads.

Sample workflow



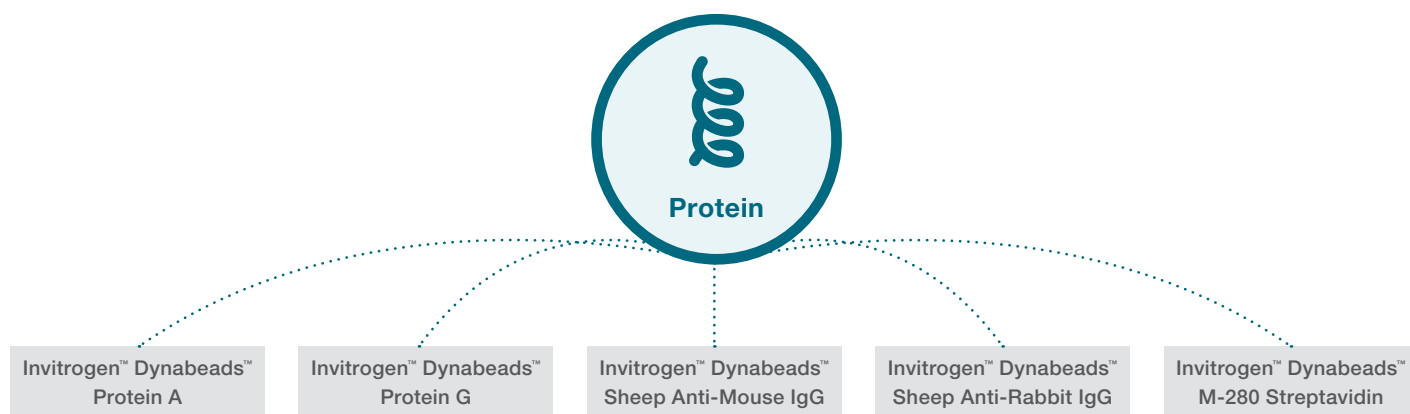
Dynabeads magnetic beads for IP

- 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

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

SMART Digest kits

KingFisher
instrument

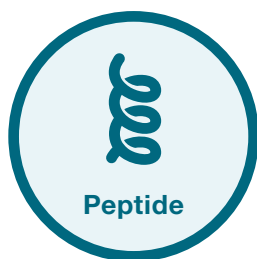
Vanquish and
Acclaim Vanquish
120 C18 column

Q Exactive
BioPharma platform




BioPharma Finder
integrated software



Recommended kits



Thermo Scientific™ SMART Digest™ kits for peptide mapping

| | | |
|---|------------------------------|---|
|  | Sample type | Cell broth/plasma/serum |
|  | Sample input volume | Up to 50 μ L (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

SMART Digest kits

KingFisher
instrument

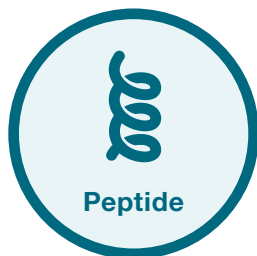
Vanquish and
Acclaim Vanquish
120 C18 column

TSQ Altis Triple
Quadrupole
Mass Spectrometer




Chromeleon Chromatography
Data System (CDS) software



Recommended kits



Thermo Scientific™ SMART Digest™ immunoaffinity kits for peptide quantitation

| | | |
|---|------------------------------|---|
|  | Sample type | Cell broth/plasma/serum |
|  | Sample input volume | Up to 50 μ L (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

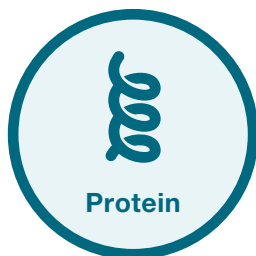


Protein analysis



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 |
|  Cat. No. | 61011, 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 | |
|  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.

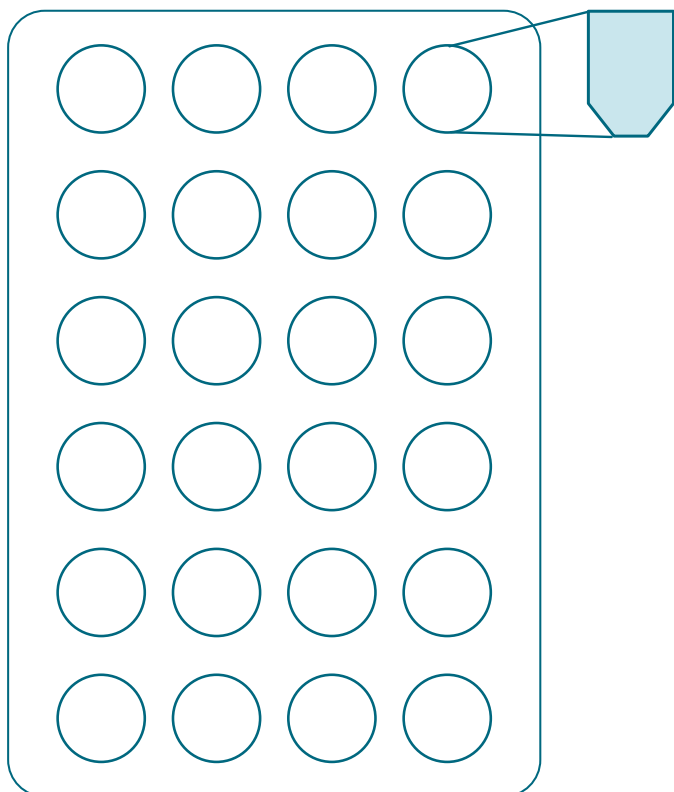


KingFisher plate formats

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

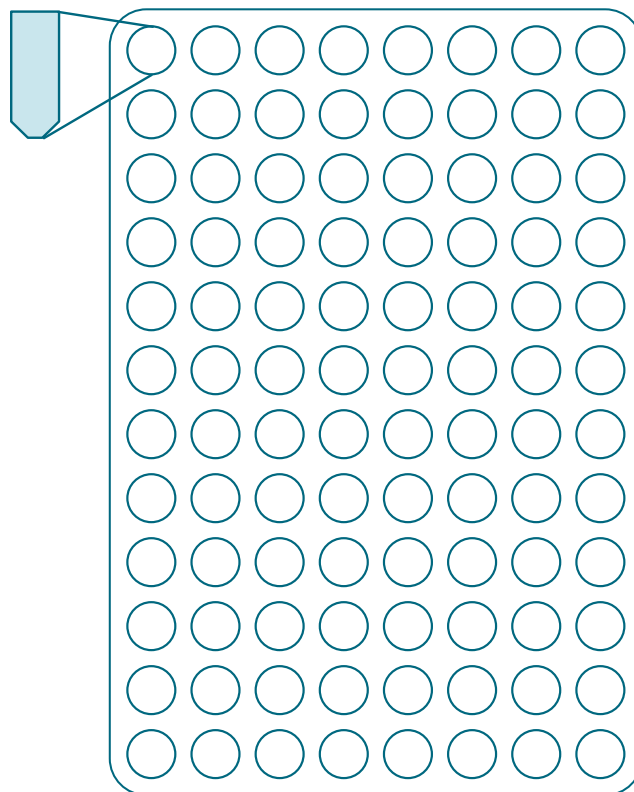
24 deep-well plates

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.

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

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

| KingFisher instrument: | Duo Prime | Flex | Apex | Presto | Cat. No. |
|--|-----------|------|------|--------|-----------|
| Plastics for 96 deep-well format | | | | | |
| KingFisher Apex 96 combi tip comb | | | ✓ | | 97002570 |
| KingFisher 96 deep-well plate, barcoded | | | ✓ | | 95040450B |
| KingFisher 96 deep-well plate, sterile, barcoded | | | ✓ | | 95040460B |
| KingFisher 96 tip comb for deep-well magnet, barcoded | | | ✓ | | 97002534B |
| KingFisher 96 deep-well tip comb and plate, sterile, barcoded | | | ✓ | | 97002820B |
| Nunc 96 storage tubes* | | | ✓ | | 374086 |
| KingFisher 96 deep-well plate | ✓ | ✓ | | ✓ | 95040450 |
| KingFisher 96 deep-well plate, sterile | ✓ | ✓ | | ✓ | 95040460 |
| KingFisher 96 tip comb for deep-well magnet | | ✓ | | ✓ | 97002534 |
| 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 | | | ✓ | | 97002524B |
| 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) | | ✓ | | ✓ | 97002540 |
| PCR plate, skirted (or similar PCR plate)* | | ✓ | | | AB1300 |
| KingFisher 96 tip comb for KingFisher magnets | | ✓ | | | 97002524 |
| KingFisher 96 tip comb for PCR magnets | | ✓ | | | 97002514 |

* Recommended plastics.

KingFisher plastics for KingFisher instruments

| KingFisher instrument: | Duo Prime | Flex | Apex | Presto | Cat. No. |
|---|-----------|------|------|--------|-----------|
| Plastics for 24 deep-well format | | | | | |
| KingFisher Apex 24 combi tip comb | | | ✓ | | 97002580 |
| KingFisher 24 deep-well plate, barcoded | | | ✓ | | 95040470B |
| KingFisher 24 deep-well plate, sterile, barcoded | | | ✓ | | 95040480B |
| KingFisher 24 deep-well tip comb and plate, barcoded | | | ✓ | | 97002610B |
| KingFisher 24 deep-well tip comb and plate, sterile, barcoded | | | ✓ | | 97002620B |
| Nunc 24 storage tubes* | | | ✓ | | 364323 |
| KingFisher 24 deep-well plate | ✓ | ✓ | | ✓ | 95040470 |
| KingFisher 24 deep-well plate, sterile | ✓ | ✓ | | ✓ | 95040480 |
| KingFisher 24 deep-well tip comb and plate | | ✓ | | ✓ | 97002610 |
| KingFisher 24 deep-well tip comb and plate, sterile | | ✓ | | ✓ | 97002620 |
| 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) | ✓ | | | | 97003510 |
| KingFisher Duo Prime 12-tip comb, for 96 deep-well plate | ✓ | | | | 97003500 |
| KingFisher Duo Prime 12-tip elution strip | ✓ | | | | 97003520 |
| KingFisher Duo Prime elution strip cap for 12 pin magnet | ✓ | | | | 97003540 |
| Cap for elution strip | ✓ | | | | 97003540 |
| KingFisher combi pack for microtiter 96 deep-well plate, includes 8 each of: • 96 deep-well plate • 12-tip comb • Elution strip • Cap for elution strip | ✓ | | | | 97003530 |

* Recommended plastics.

KingFisher instrument services and support



Instrument and application specialists

Whether servicing your KingFisher purification system or addressing your workflow application questions, our more than 1,000 trained professionals make up the industry's largest network, ready to assist you when you need it.



Quick-start training

The KingFisher system includes SmartStart Orientation to get you up and running quickly in your lab. The orientation includes basic familiarization and setup with online instrument management and includes on-site training with standard kits.



Warranty and service plans

Every KingFisher system comes with a one-year warranty. Extended-coverage service plans are also available at the time of instrument purchase. Whether your laboratory requires the highest service levels and adherence to stringent regulatory guidelines, or you need to maximize performance with a limited budget—or anything in between—we'll work with you to develop a solution that best suits your needs.

Find out more at thermofisher.com/instrumentservices
or contact us at thermofisher.com/contactus

Ordering information

| Product | 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** | 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 Duo Prime Purification System | 5400110 |
| KingFisher Presto Purification System with 24 Deep-Well Head** | 5400840 |
| KingFisher Presto Purification System with 96 Deep-Well Head** | 5400830 |
| Nucleic acid purification products | |
| KingFisher Duo–Ready DNA Ultra 2.0 Prefilled Plates | A36584 |
| KingFisher Flex–Ready DNA Ultra 2.0 Prefilled Plates | A36586 |
| 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 | 61011 |
| 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 | 88817 |
| Pierce Protein A/G Magnetic Beads | 88803 |
| Pierce Protein A/G Magnetic Agarose Beads | 78609 |
| Pierce Ni-NTA Magnetic Agarose Beads | 78605 |
| Pierce Anti-DYKDDDDK Magnetic Agarose Beads | A36797 |
| Pierce Glutathione Magnetic Agarose Beads | 78601 |
| SMART Digest kits for peptide mapping and quantitation | 60109-101-MB– 60109-109-MB |
| SMART Digest IA kits for peptide quantitation | 60110-103– 60112-104 |

* May be purchased as individual bulk reagents.

** For Laboratory Use.

More beads, more applications

There are many more magnetic bead kits available that can be automated on KingFisher instruments. Find the right kit for your application at thermofisher.com/kingfisherkits



Find out more at thermofisher.com/kingfisher

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