

••• Inspiring Innovation ◦◦◦

Advance Your

Gene Discovery and Analysis

 **fisher scientific**
part of Thermo Fisher Scientific

The development of new cell and gene technologies holds exciting possibilities for biotechnology research and production. Look to the **Fisher Scientific channel** to help power your next discovery. We offer industry-leading products and services to support and accelerate your workflows **every step of the way.**

Whether you need reagents to perform sample cleanup and isolation, master mixes for qPCR, or instruments for genetic analysis, we offer single-source convenience that lets you focus on your science, along with life sciences specialists to help you select products that meet your **exact requirements.**

Visit fishersci.com/genomics-research to learn more.

Sample Preparation and Isolation

Find products to help create lysates and extract, protect, and separate nucleic acids from other materials.

Magnetic Beads

Description	Quantity	Cat. No.
Cytiva Sera-Mag Carboxylate Modified Magnetic Bead Suspension	100 mL	09-981-116
Cytiva Sera-Mag Streptavidin Magnetic Beads	5 mL	09-981-133
Invitrogen™ Dynabeads™ Streptavidin for Target Enrichment	2 mL 10 mL 50 mL	65605D 65606D 65607D



DNA Extraction Kits

Description	Quantity	Cat. No.
Cytiva™ Sera-Xtracta™ HMW DNA Kit	96 Preparations	09-920-067
Invitrogen™ Dynabeads™ DNA DIRECT™ Universal Kit	300 Preparations	63-006
Invitrogen™ Dynabeads™ kilobaseBINDERT™ Kit	200 Preparations	60-101
Invitrogen Dynabeads SILANE Genomic DNA Kit	96 Preparations	37-012-D
Invitrogen Dynabeads DNA DIRECT Blood Kit	100 Preparations	63-102
Cytiva™ Sera-Mag™ Select Reagent	60 mL	09-928-107

Purification Systems

Description	Sample Volume	Quantity	Cat. No.
Thermo Scientific™ KingFisher™ Apex Purification System	10 to 80 µL	Each	54-009-10
Thermo Scientific™ KingFisher™ Flex Purification System with 96 DeepWell™ Head	50 to 1,000 µL	Each	50-152-7924

Gene Expression

Shop reagents, kits, assays, and more to support a variety of gene expression techniques and processes.

Reagents

Description	Quantity	Cat. No.
Invitrogen™ SuperScript™ IV UniPrime One-Step RT-PCR System	100 x 50 µL	12-597-100



Synthesis Kits

Description	Quantity	Cat. No.
Invitrogen™ SuperScript™ IV CellsDirect™ cDNA Synthesis Kit	50 Reactions 500 Reactions	11-750-150 11-750-350

Starter Kits

Description	Quantity	Cat. No.
Applied Biosystems™ QuantStudio™ Absolute Q™ Digital PCR Starter Kit	Each	A52732

dPCR Assays

Description	Quantity	Cat. No.
Applied Biosystems™ Absolute Q™ Liquid Biopsy dPCR Assay: JAK2 12600	700 Reactions	A52746
Absolute Q Liquid Biopsy dPCR Assay: TP53 10660	700 Reactions	A52767
Absolute Q Liquid Biopsy dPCR Assay: NRAS 580	700 Reactions	A52771
Absolute Q Liquid Biopsy dPCR Assay: EGFR 12382	700 Reactions	A52777
Absolute Q Liquid Biopsy dPCR Assay: KRAS 19900	700 Reactions	A52781

Master Mixes

Description	Quantity	Cat. No.
Applied Biosystems Absolute Q MAP16 Plate Kit and 1-Step RT-dPCR Master Mix	192 Reactions	A55165
Applied Biosystems Absolute Q 1-Step RT-dPCR (4X) Master Mix	200 Reactions	A55146
Applied Biosystems™ PowerTrack™ SYBR Green Master Mix for qPCR	500 Reactions	A46109
Applied Biosystems™ TaqMan™ Fast Advanced Master Mix for qPCR	500 Reactions	44-445-57

Sequencing

From digital PCR instruments to genetic analyzers and beyond, pursue new insights with a selection of innovative equipment, instruments, and consumables.

Equipment and Instruments

Fluorometer Kits

Description	Sample Volume	Quantity	Cat. No.
Invitrogen™ Qubit™ 4 Starter Package with Wi-Fi Fluorometer Kit	1 to 20 µL	Each	Q33240

Digital PCR Instruments

Description	Quantity	Cat. No.
Applied Biosystems QuantStudio Absolute Q Digital PCR System, Desktop	Each	A52864
Applied Biosystems QuantStudio Absolute Q Digital PCR System*	Each	A53267

Genetic Analyzers

Description	Electrical Requirements	Quantity	Cat. No.
Applied Biosystems™ SeqStudio™ 8 Flex Genetic Analyzer	100/240 V	Each	A53627
Applied Biosystems SeqStudio 24 Flex Genetic Analyzer	100/240 V	Each	A53630
Applied Biosystems SeqStudio 24Flex Genetic Analyzer, Laptop*	100/240 V	Each	A53794
Applied Biosystems SeqStudio 8 Flex Genetic Analyzer, Laptop*	100/240 V	Each	A53791



*Includes Applied Biosystems™ SmartStart™ Orientation and one-year extended warranty with planned maintenance.

Sequencing Consumables

Genetic Analyzer Standards and Kits

Description	For	Quantity	Cat. No.
Applied Biosystems™ Sequencing Standard, BigDye™ Terminator V1.1, 4 Tubes/Kit	3500/SeqStudio Flex	Each	44-043-14
Applied Biosystems Matrix Standards Kit, BigDye Terminator V1.1, 2 Tubes/Kit	31XX/3500 SeqStudio and SeqStudio Flex	Each	43-368-24
Applied Biosystems Matrix Standards Kit, BigDye Terminator V3.1, 2 Tubes/Kit	31XX/3500 SeqStudio and SeqStudio Flex	Each	43-369-74
Applied Biosystems Anode Buffer Container	3500/SeqStudio Flex	Each	43-939-27

Digital PCR Kits

Description	Plates	Quantity	Cat. No.
QuantStudio Absolute Q MAP16 Plate Kit, Includes MAP16 Plates, Gaskets, and Absolute Q Isolation Buffer (Cat. No. A52730)	12/Kit	Each	A52865

dsDNA Assay Kits

Description	Sample Volume	Quantity	Cat. No.
Invitrogen Qubit dsDNA Quantification Assay Kits	4 to 2,000 ng	100 Reactions	Q32850
	4 to 2,000 ng	500 Reactions	Q32853
Invitrogen Qubit dsDNA Quantification Assay Kits	0.1 to 120 ng	100 Reactions	Q32851
	0.1 to 120 ng	500 Reactions	Q32854

Research Essentials

Stay equipped with supplies that can help optimize each of your workflow steps.

Sample Storage

Description	Includes	Quantity	Cat. No.
Thermo Scientific™ Matrix™ Sample Storage Premium Starter Pack	Tubes Decapper Barcode Reader	Each	01-817-102
Thermo Scientific Matrix Sample Storage Basic Starter Pack	Tubes Decapper	Each	01-817-105



FTA Cards

Description	Volume	Quantity	Cat. No.
QIAGEN™ QIAcard™ FTA Classic, Non-Indicating	4 x 125 mL	25/Pack	05-715-102
QIAGEN QIAcard FTA Mini, Non-Indicating	2 x 125 mL	25/Pack	09-800-994

Gel Electrophoresis Reagents

Description	Quantity	Cat. No.
Fisher Bioreagents™ Agarose, DNA/RNA/Genetic Analysis Grade, Broad Separation Range	100 g	BP1356-100
Thermo Scientific Acrylamide/Bisacrylamide (29:1), Powder	100 g	AAJ6082422

96-Well Storage Microplates

Description	Volume	Quantity	Cat. No.
Thermo Scientific™ Abgene™ DeepWell™ Sample Processing and Storage Plate, Polypropylene	800 µL	50/Case	AB-0859
Fisherbrand™ DeepWell™ Microplates, Polypropylene	2,000 µL	50/Case	12-566-120

Electrophoresis Equipment

Description	Volume	Quantity	Cat. No.
Invitrogen™ E-Gel™ Power Snap Electrophoresis System Starter Kit	<ul style="list-style-type: none"> • 10 E-Gel EX Agarose Gels, 2% (Cat. No. G401002) • E-Gel Power Snap Electrophoresis System (Cat. No. G8300) • E-Gel 50 bp DNA Ladder with E-Gel Sample Loading Buffer (1X) (Cat. No. 10-488-099) • Gel Opening Knife (Cat. No. EI9010) 	Each	G8342ST

Related Tools and Applications

Explore these tools and applications for products and information that will simplify your workflows and drive your discoveries.

Eurofins Genomics Tool

Take advantage of a service that provides custom synthesis of oligonucleotides and genes.

fishersci.com/eurofinstool

TaqMan Assay Search Tool

Search by expression, genotyping, copy number, and other parameters.

fishersci.com/genome-database

QuantStudio Real-Time PCR & Digital PCR Systems

Learn about platforms that meet your specific needs.

fishersci.com/quantstudio

Gene Editing Tools

Browse a variety of products that deliver precise results.

fishersci.com/crispr-cas9

Molecular Biology Methods

View products for isolation and purification, labeling, detection, and more

fishersci.com/molecular-biology

Production Products and Services

Rely on a trusted source for supply assurance and service expertise.

fishersci.com/production

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Cell Culture

Find solutions for seeding, cell expansion, harvesting, detection, analysis, and storage.

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