



Quality & Safety Testing from Cell to Plate

Cell-Based Proteins Food Research

Access over 1.7 million food and beverage testing products
from close to 6,500 suppliers.

Instruments to Simplify Daily Tasks

METTLER TOLEDO Weighing & Measuring

You have many different operators that use equipment each day. Through shift changes, varying skill levels, language barriers, and standard operating procedure (SOP) errors, tasks become complicated and risk accuracy. Let METTLER TOLEDO™ instruments help simplify these challenges for you and your people.

METTLER TOLEDO benchtop meters, analytical balances, and moisture analyzers allow you to capture a variety of measurements and offer smart compliance features to enhance your productivity, including the ability to document and save your results and methods.



Description	Model No.	Cat. No.
METTLER TOLEDO™ SevenCompact™ S220 Benchtop pH, ISE, and Redox/ORP Meter	S220 Food Kit	01-914-479
METTLER TOLEDO™ SevenExcellence™ S400 Benchtop pH, Redox/ORP, and ISFET Meter	S400 Kit	01-910-901
METTLER TOLEDO Analytical Balance, 220 g x 0.1 mg	MS204TS	01-913-931
METTLER TOLEDO Halogen Moisture Analyzer, 101 g x 1 mg (0.01% MC)	HC103	01-914-060
METTLER TOLEDO Halogen Moisture Analyzer, 201 g x 0.1 mg (0.001% MC)	HX204	13-940-093

Easy and Efficient Sample Handling

Nasco Whirl-Pak™ Sample Collection

Do contaminated or wasted samples cause delays in your production processes? Field and lab technicians around the world want to resolve these issues and increase efficiency, but they need the right products. Trust Whirl-Pak™ sampling solutions to help protect your science and your time.

Flexible and sterilized collection and processing bags help you to better determine sample and product contamination more efficiently. Whirl-Pak's post manufacturing sterilization process and intentional design for aseptic collection provides you with results you can trust every time.



Description	Quantity	Cat. No.
Whirl-Pak™ Hydrated PolySponge™ Sampling Bags, Capacity: 532 mL (18 oz.)	100/Pack	14-209-180
Whirl-Pak Write-On Homogenizer Blender Filter Bags, Capacity: 1,627 mL (55 oz.)	250/Pack	14-209-146
Whirl-Pak Stand-Up Sample Bags, Capacity: 1,242 mL (42 oz.)	250/Pack	01-812-128
Whirl-Pak Write-On Stand-Up Thio Sample Bag, Capacity: 500 mL (10 oz.)	100/Pack	01-812-123
Whirl-Pak™ Thio-Bag™ PE Bags for Chlorinated Water Sampling, Capacity: 118 mL (4 oz.)	100/Pack	01-812-5F
Nasco Sampling™ Whirl-Pak™ Dry PolyProbe™ Polysponge, Packaged in a Sealed, 24-oz. Write-On Bag	100/Pack	17-000-269



Ironing Out the Elements: Essential Nutrients

Spex Certiprep Analytical Standards

Elements of the periodic table, especially essential nutrients, provide the nutrition humans need to live a healthy life. That's why world regulatory organizations require testing and monitoring of elemental levels in food for human consumption.

Count on Spex Certiprep to provide the standards you need to adhere to food regulations. Spex™ Certiprep™ Assurance Grade Single Element Inorganic Standards are certified reference material (CRM), accredited ISO 17034:2016 standards, traceable to NIST SRM, and tested for 68 trace metal impurities.



Element	Concentration	Matrix	Quantity	Cat. No.
Calcium	1,000 µg/mL	2% HNO ₃	250 mL	PLCA2-2T
			500 mL	PLCA2-2X
Chromium	1,000 µg/mL	2% HNO ₃	250 mL	PLCR2-2T
			500 mL	PLCR2-2X
Copper	1,000 µg/mL	2% HNO ₃	250 mL	PLCU2-2T
			500 mL	PLCU2-2X
Iron	1,000 µg/mL	2% HNO ₃	250 mL	PLFE2-2T
			500 mL	PLFE2-2X
Magnesium	1,000 µg/mL	2% HNO ₃	250 mL	PLMG2-2T
			500 mL	PLMG2-2X
Manganese	1,000 µg/mL	2% HNO ₃	250 mL	PLMN2-2T
			500 mL	PLMN2-2X
Molybdenum	1,000 µg/mL	H ₂ O	125 mL	PLMO9-2Y
			250 mL	PLMO9-2T
Phosphorus	1,000 µg/mL	H ₂ O	250 mL	PLP9-2T
			500 mL	PLP9-2X
Potassium	1,000 µg/mL	2% HNO ₃	250 mL	PLK2-2T
			500 mL	PLK2-2X
Selenium	1,000 µg/mL	2% HNO ₃	125 mL	PLSE2-2Y
			250 mL	PLSE2-2T
Sodium	1,000 µg/mL	2% HNO ₃	125 mL	PLNA2-2Y
			250 mL	PLNA2-2T
Zinc	1,000 µg/mL	2% HNO ₃	250 mL	PLZN2-2T
			500 mL	PLZN2-2X



Optimize Your Cell-Based Food Workflow

Life Sciences & Testing Solutions

How can we efficiently produce sustainable food protein sources that are safer and healthier for the world? Cost, scalability, safety, and quality are some of the biggest challenges food scientists face in plant-based and cell culture protein workflows.

Find solutions to these challenges with our wide selection of life sciences and testing products. From harvesting and collection to food testing and quality control, we offer a variety of products from top brands that can help you safely and reliably scale up your processes.

Harvesting & Collection

Choose from disposable Air-Tite™ sterile syringes available as complete needles in your choice of gauge and length. Or shop for Stoelting™ biopsy needles and other surgical instruments for your animal work.

Description	Capacity	Needle Gauge	Needle Length	Quantity	Cat. No.
Air-Tite Sterile Syringes with Attached Luer Slip Needles	1 mL	25	16 mm	100/Pack	14-817-125
	1 mL	27	13 mm	100/Pack	14-817-126
	3 mL	18	25 mm	100/Pack	14-817-127
	3 mL	22	19 mm	100/Pack	14-817-129
	3 mL	22	22 mm	100/Pack	14-817-130
	5 mL	18	25 mm	100/Pack	14-817-131
	3 mL	25	16 mm	100/Pack	14-817-132
Stoelting Biopsy Needle (5213544)		70	1 mm	Each	10-001-681

Cell Engineering

Use DNA sequencing and DNA amplification to help detect or confirm the presence of genetically modified organisms or the origin of a specific foodstuff.

Description	Quantity	Cat. No.
Eurofins SimpleSeq DNA Sequencing Kits, Barcode Labeled Tubes and DNA Sequencing Reaction, 96 Reactions*	Each	DNAPBC96
Thermo Scientific™ Phire Plant Direct PCR Kit (without Sampling Tools), 500 Reactions	Each	F130WH



*U.S. Only

Cell Cultureware

Find cell cultureware for your testing requirements, from basic culture to multilevel flasks or larger-volume culture vessels.

Description	Capacity	Quantity	Cat. No.
Fisherbrand™ Sterile Polystyrene Disposable Serological Pipettes with Magnifier Stripe, To Deliver	100 mL	100/Case	13-678-000
	25 mL	200/Case	FB012933
Fisherbrand Surface Treated Sterile Tissue Culture Flasks, Vented Closure (Blue)	50 mL	200/Case	FB012935
	250 mL	100/Case	FB012937
Thermo Scientific™ Nunc™ TripleFlask™ Surface Treated Cell Culture Flasks, Filter Closure	200 mL	32/Case	12-565-25
Thermo Scientific™ Nunc™ EasyFill™ Cell Factory™ Systems, 10 Layers	1,980 mL	2/Case	12-567-303
Thermo Scientific™ Nunc™ High Density Cell Factory™ Systems, 3 Layers, Vented Closure	600 mL	3/Case	12-565-752
Corning CELLLine Disposable Bioreactors	1,000 mL	3/Case	10-126-4

Cell Culture Media & Supplements

Choose from a range of basic and specialized media, sera, and supplements to support your cell lines.

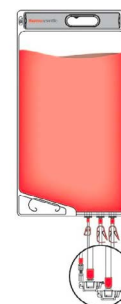
Description	Quantity	Cat. No.
Gibco™ DMEM/F-12, No Phenol Red	500 mL	21-041-025
Fisherbrand Research Grade Fetal Bovine Serum, Source: Canada	500 mL	FB12999102
Gibco Iscove's Modified Dulbecco's Medium	1 L	12-440-046
Gibco Trypsin-EDTA (0.25%), 1X, with Phenol Red	500 mL	25-200-072
	20 mL	25-030-149
Gibco L-Glutamine	100 mL	25-030-081
	20 x 100 mL	23-030-164
Gibco™ TrypLE™ Express Enzyme (1X), with Phenol Red	100 mL	12-605-010
Gibco™ B-27™ Plus Supplement (50X)	10 mL	A3582801
Gibco DPBS Salt Solution, 1X, No Calcium or Magnesium	500 mL	14-190-144
Cytiva HyClone™ AdvanceSTEM™ Human Somatic Stem Cell Media, Osteogenic Differentiation	450 mL	SH3088102
AdvanceSTEM Human Somatic Stem Cell Media, Adipogenic Differentiation	450 mL	SH3088602
AdvanceSTEM Human Somatic Stem Cell Media, Chondrogenic Differentiation	450 mL	SH3088902



Bioprocessing

As you scale up from the bench to production, find disposable bioprocessing bags in sizes from two to 50 liters.

Description	Capacity	Quantity	Cat. No.
Thermo Scientific™ Labtainer™ Pro BioProcess Container with BioTitan Retention, Aegis5-14, 3 ports, AseptiQuik G Connectors and Body Needleless Luer Lock	5 L	Each	PL3002412
	10 L	Each	PL3002413
	20 L	Each	PL3002414
Corning™ Rocker Cell Culture Bags, with Filtered Bag Ports and Check Valves with Slide Clamps	2 L	Each	MT9120080
	20 L	Each	MT9120078
	22 L	Each	MT9120092
	50 L	Each	MT9120081



Quality Control & Food Testing

Microbiology Cultures & Media

Find lyophilized bacteria and media to maintain your stock cultures and support your microbiological work.

Description	Quantity	Cat. No.
Thermo Scientific™ Quanti-Cult Plus™ Lyophilized <i>Staphylococcus aureus</i> (subsp. aureus ATCC 6538P), 10 Vials Each of Preserved Organisms and Rehydration Fluid	10/Pack	R4719002
Microbiologics™ KWIK-STIK <i>Clostridium perfringens</i> (derived from NCTC 8678), Includes Lyophilized Microorganisms, Hydrating Fluid, and Swab	2/Pack	23-047-193
Thermo Scientific™ Brilliance™ <i>Bacillus cereus</i> Agar Base	500 g	R661362
Thermo Scientific Brilliance Chromogenic Medium for <i>Bacillus cereus</i> Isolation and Differentiation (Add to Cat. No. R661362)	10/Pack	R663230
Thermo Scientific™ Remel™ Contact Plates, Contain TSA with Lecithin and Polysorbate 80	20/Pack	R111101
Fisherbrand Disposable Inoculating Loops/Needles, 1 µL, Blue	9,600/Case	22-363-604



Food Pathogen Test Kits

Detect the presence of pathogen contamination with latex and molecular testing methods to protect your customers and your product's reputation.

Description	Quantity	Cat. No.
Thermo Scientific™ SureTect™ <i>Salmonella</i> Species PCR Assay, 96 Tests	Each	PT0100A
Thermo Scientific SureTect <i>Listeria</i> Species PCR Assay, 96 Tests	Each	PT0200A
Thermo Scientific <i>Escherichia coli</i> O157 Latex Test Kit, 100 Tests	Each	OXDR0620M
Thermo Scientific™ Oxoid™ <i>Clostridium perfringens</i> Type A Toxin Kit, PET-RPLA Method, 20 Tests	Each	OXTD0930A



Syringe Filters

Filter or sterilize small volume samples with PES membranes with 0.22 or 0.45 µm pore sizes.

Description	Quantity	Cat. No.
Fisherbrand Sterile Luer Slip Syringe Filters, PES, Dia.: 33 mm, Pore Size: 0.22 µm	50/Pack	09-720-511
Fisherbrand Sterile Luer Slip Syringe Filters, PES, Dia.: 33 mm, Pore Size: 0.45 µm	50/Pack	09-720-514



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