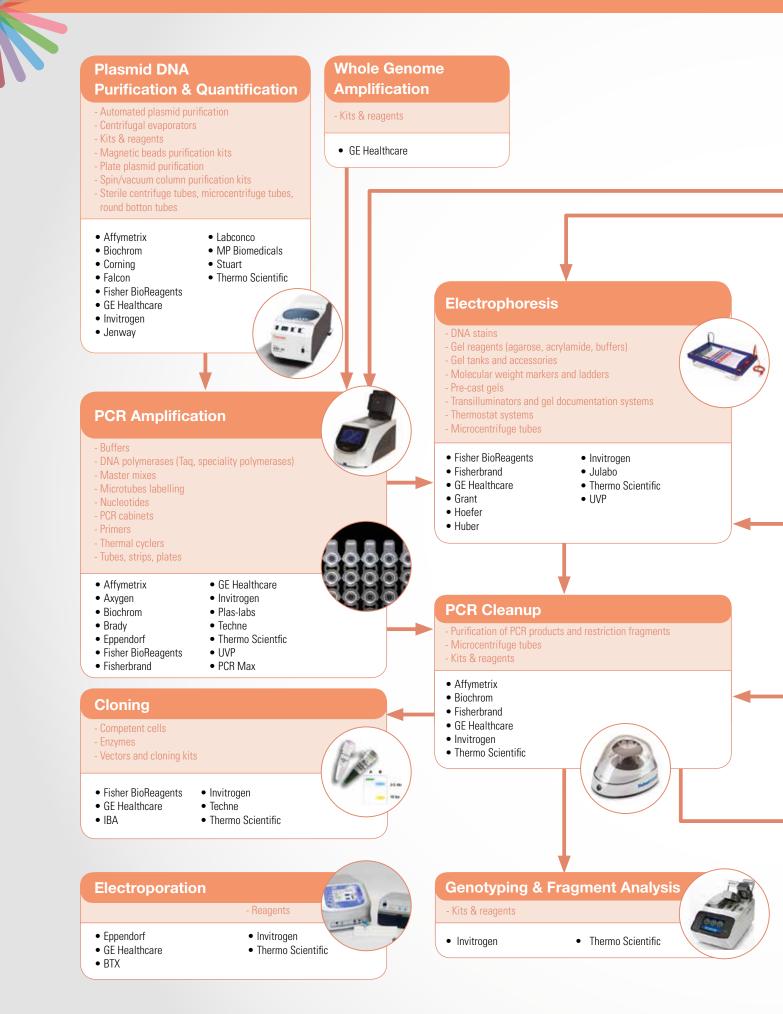


# Workflow Solutions

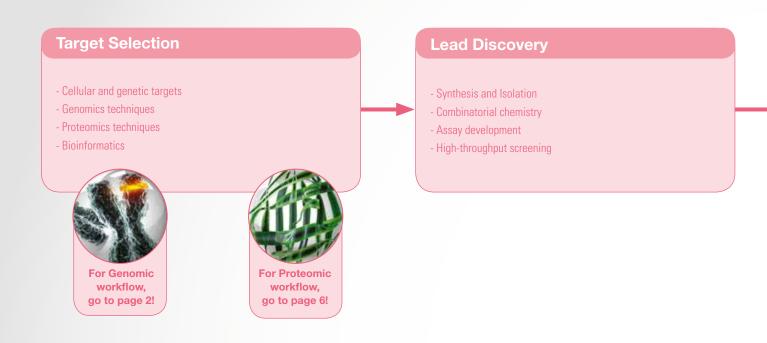
- Genomics • Histology Drug Discovery • Physical Analytical Chemistry
  - Proteomics • Bioproduction
- Chromatography • Microbiology
  - Cell Culture • Water Analysis
  - Cell Analysis • Safety

# Genomics









# **Unrivalled Life Science**

Turning ideas into innovations requires the very best. We are your one exclusive source for the world's greatest life science brands and innovative products.





- Library development
- Structure-activity studies
- In silico screening
- Chemical synthesis

#### In Vitro Studies

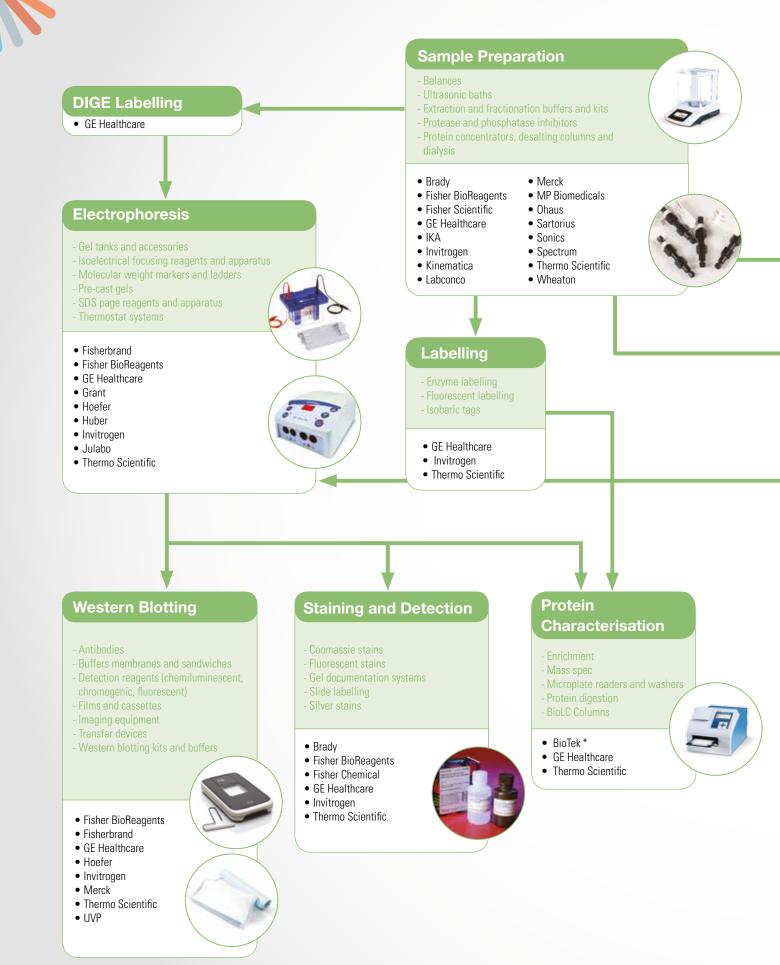
- Drug affinity and selectivity
- Cellular disease model
- Mechanism of action
- Lead candidate refinement

#### In Vivo Studies

- Animal models of disease states
- Behavioural studies
- Functional imaging
- *Ex vivo* studies

**Clinical Trials and Therapeutics** 

## Proteomics



#### Immunoassays

- Antibodies
- ELISA kits
- Plates
- Microplate readers and washers
- Affymetrix
- BioTek \*
- Invitrogen
- Thermo Scientific

#### Quantitation

- Reagent bases
- BiochromJenway
- Thermo Scientific

# Bead-Based Flow Cytometry

- Calibration beads
- Affymetrix
- Invitrogen
- Thermo Scientific



For Safety, go to page 24!

#### **Protein Purification**

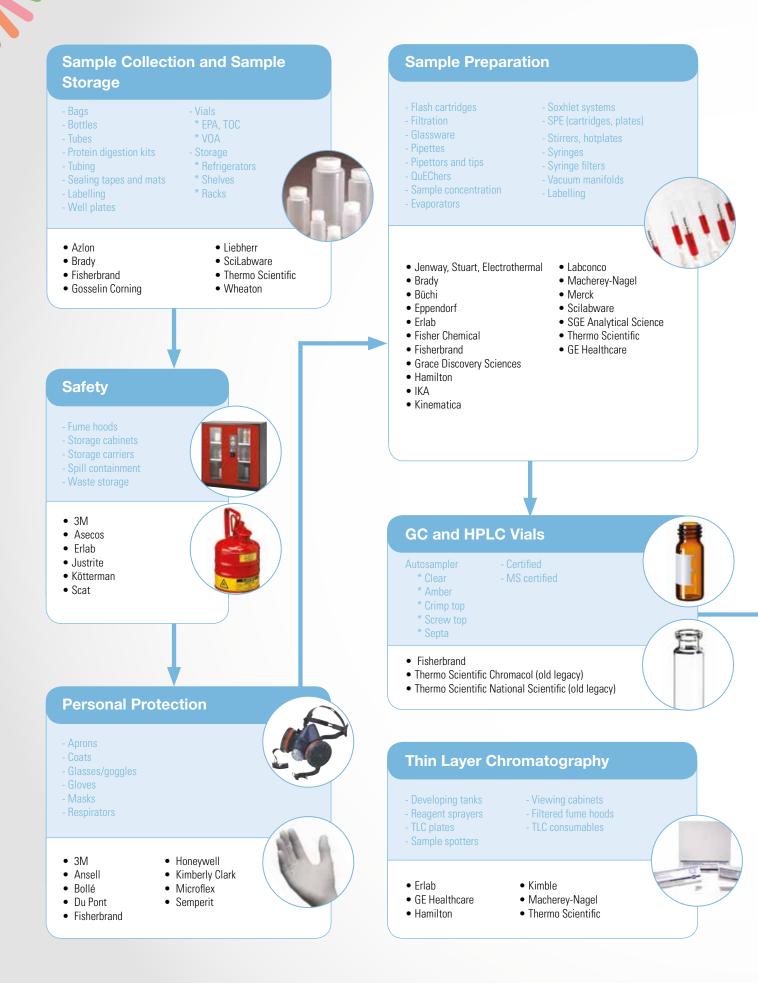
- Affinity purification
- Antibody purification
- BioLC columns
- Chromatography equipmen
- Gel filtration media
- GST-tagged purification

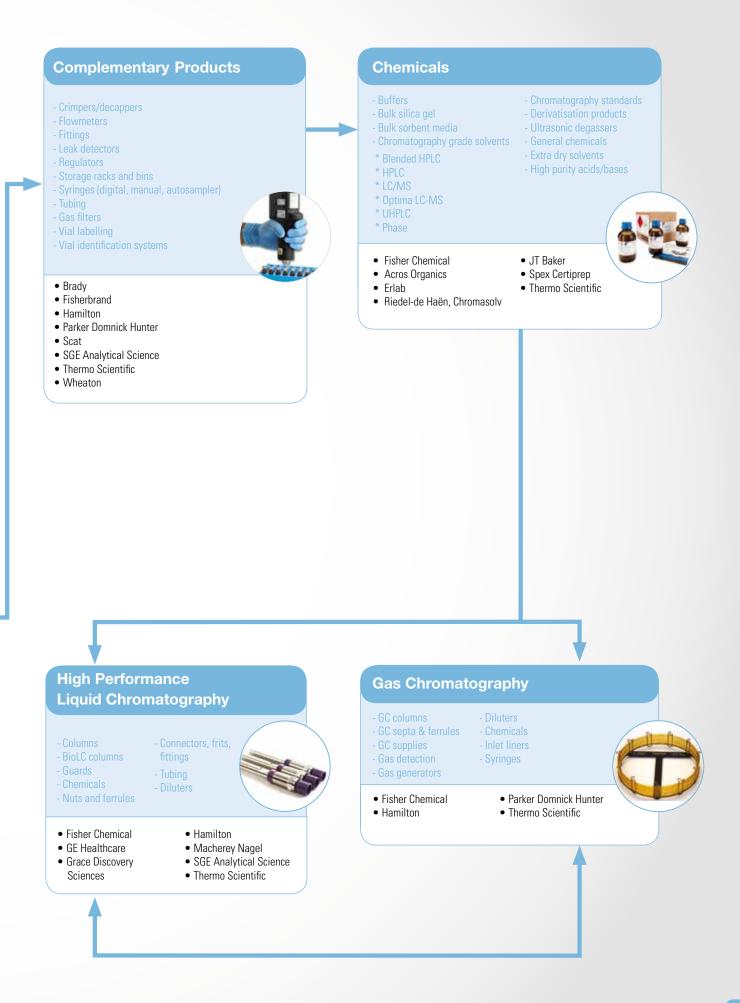
- Tiepackeu columna VingEisbor
- KingFisher
- Strep-tagged purification
- Affymetrix
- GE Healthcare
- IBA Life Sciences
- Invitrogen
- Merck
- Thermo Scientific

#### Protein - Protein Interaction

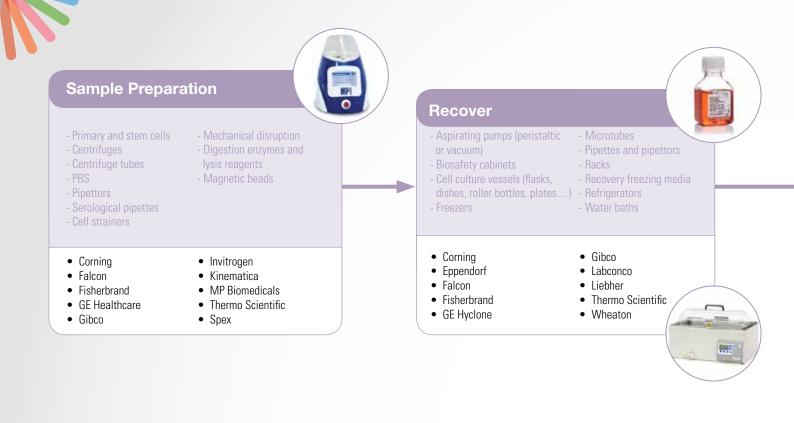
- Co-Immunoprecipitation (Co-IP)
- Cross-linking reagents
- Protein arrays
- Pull-down assays
- Yeast two-hybrid assays
- GE Healthcare
- IBA Life Sciences
- Invitrogen
- Thermo Scientific

## Chromatography



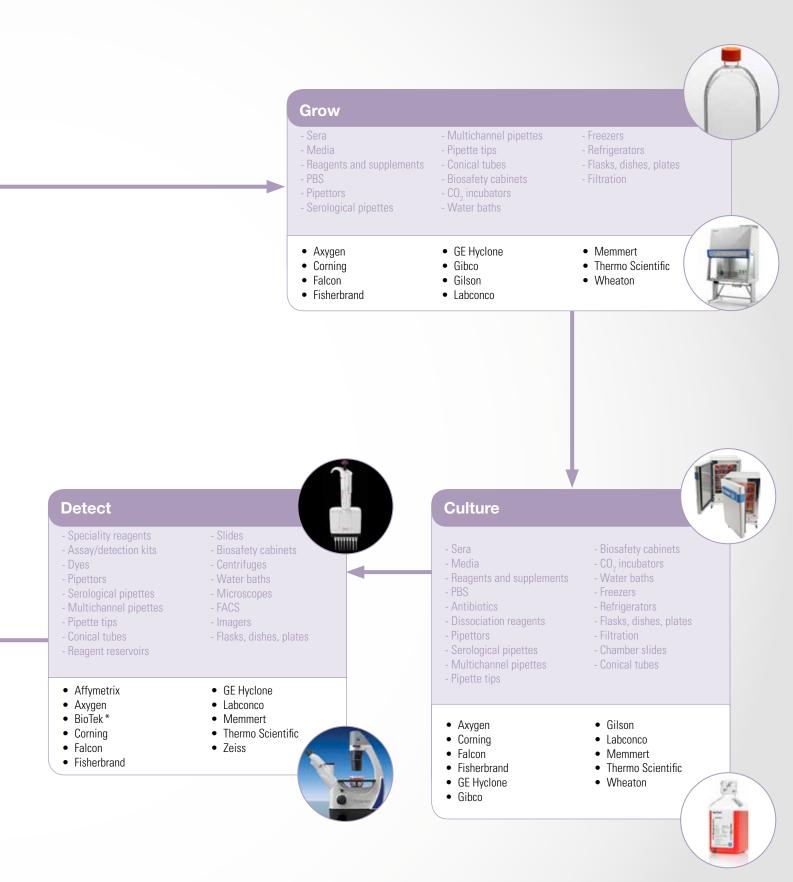


# Cell Culture



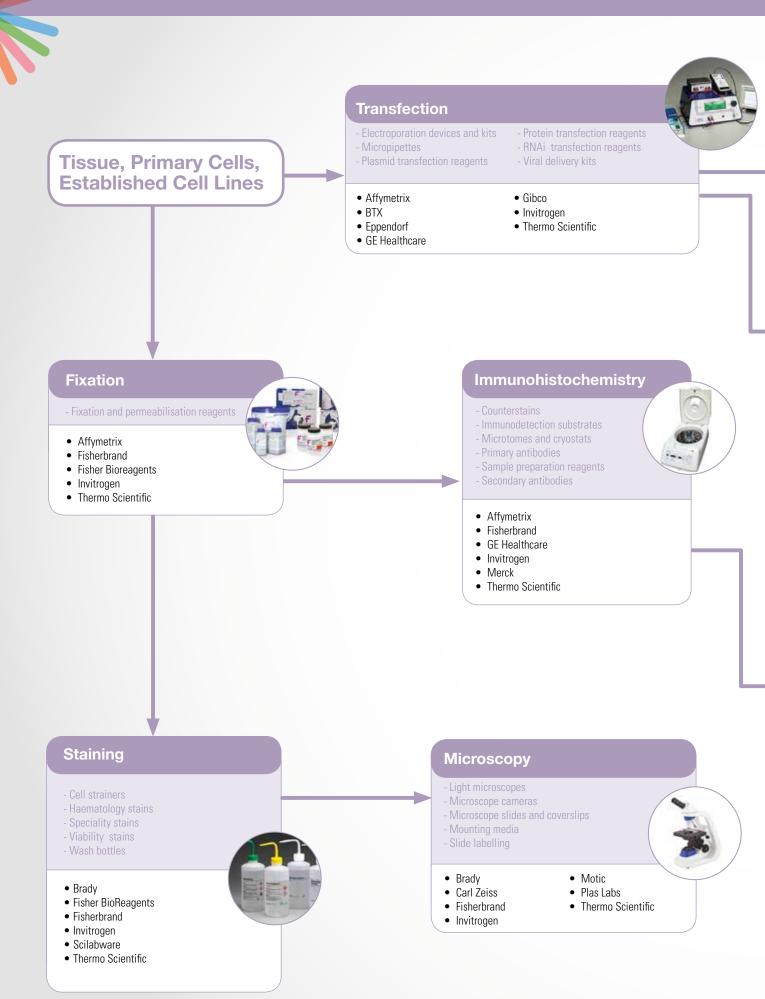
Store		3-
- Sera - DMSO - PBS - Cryopreservation media - Pipettors - Serological pipettes - Pipettes	<ul> <li>Pipette tips</li> <li>Liquid NO2</li> <li>Barcode readers</li> <li>Cryostorage containers</li> <li>Controlled-rate freezers</li> <li>ULT freezers</li> <li>Dewars</li> </ul>	<ul> <li>Biosafety cabinets</li> <li>Water baths</li> <li>Cryovials</li> <li>2D system cryogenic tubes</li> <li>Racks and storage boxes</li> <li>Conical tubes</li> <li>Reagent reservoirs</li> </ul>
<ul> <li>Brady</li> <li>Corning</li> <li>Falcon</li> <li>Fisher Scientific</li> <li>Fisherbrand</li> </ul>	<ul> <li>GE Hyclone</li> <li>Gibco</li> <li>Gilson</li> <li>Labconco</li> <li>Liebher</li> </ul>	<ul> <li>Statebourne Cryogenics</li> <li>Tenak</li> <li>Thermo Scientific</li> <li>Wheaton</li> </ul>
	Analyse	
	Cell Analysis workflow page	12

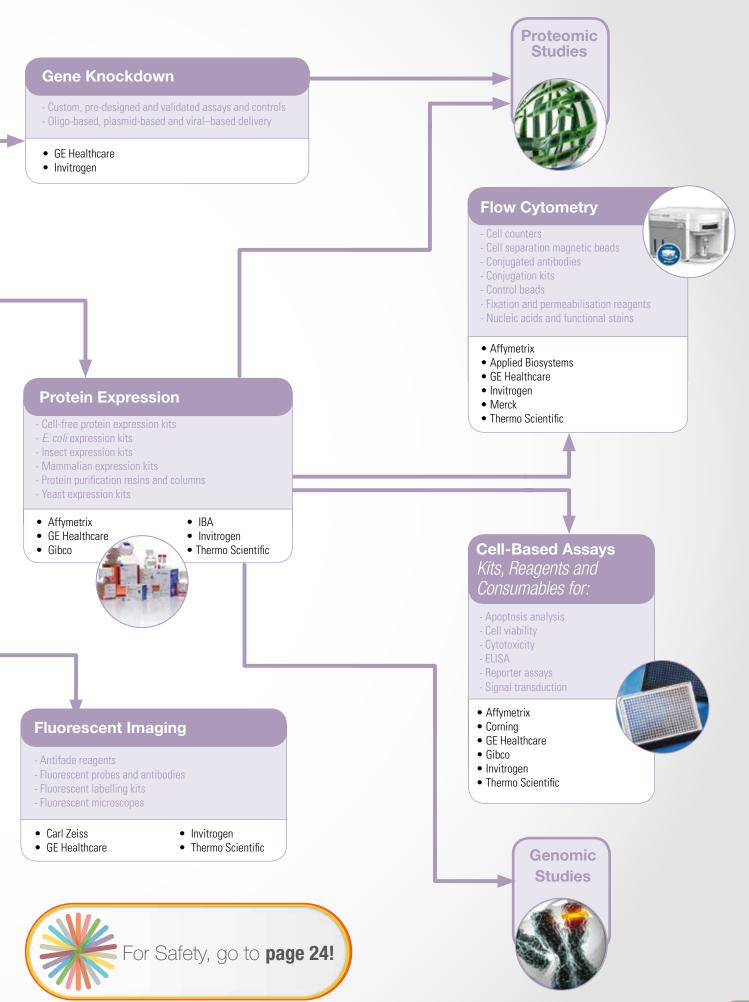
Trademarks used are owned as indicated at www.fishersci.com/trademarks



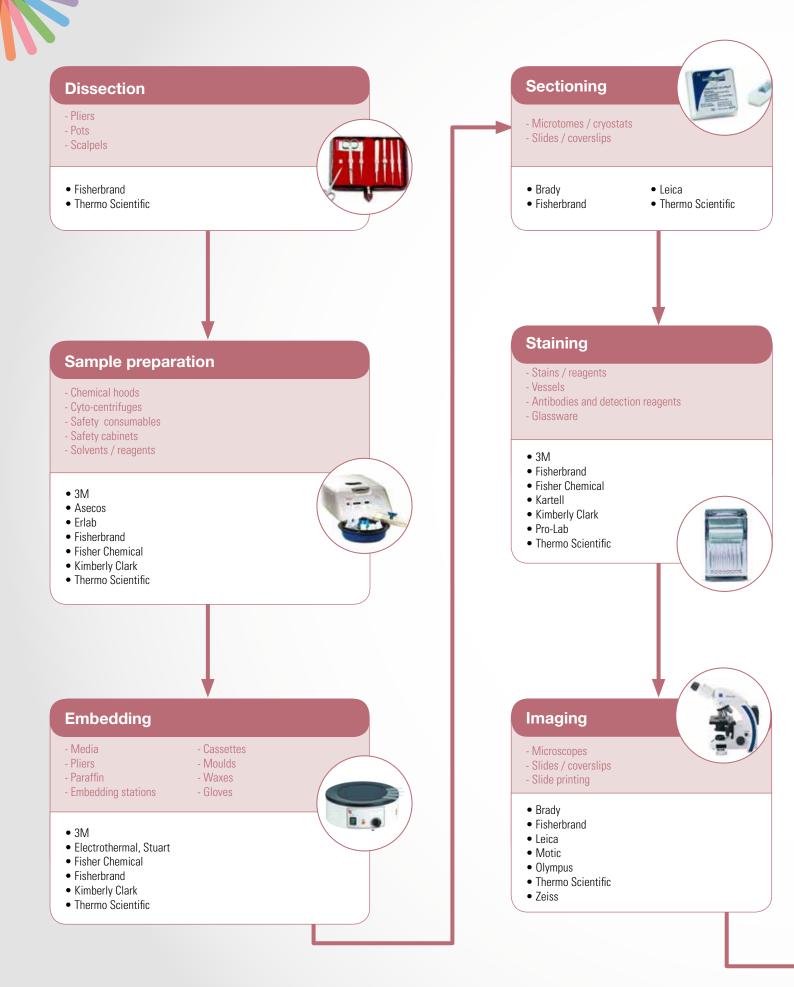


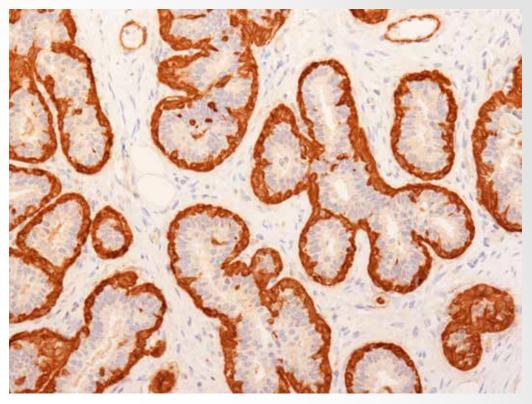






# Histopathology





Breast tumour stained with the antibody Calponin, UV Quanto HRP/DAB detection, picture taken at 200X magnification

Don't forget our Liquid Handling products (pipettes, micropipettes, pipette fillers...) provided by our partners: Thermo Scientific, Gilson, Sartorius...

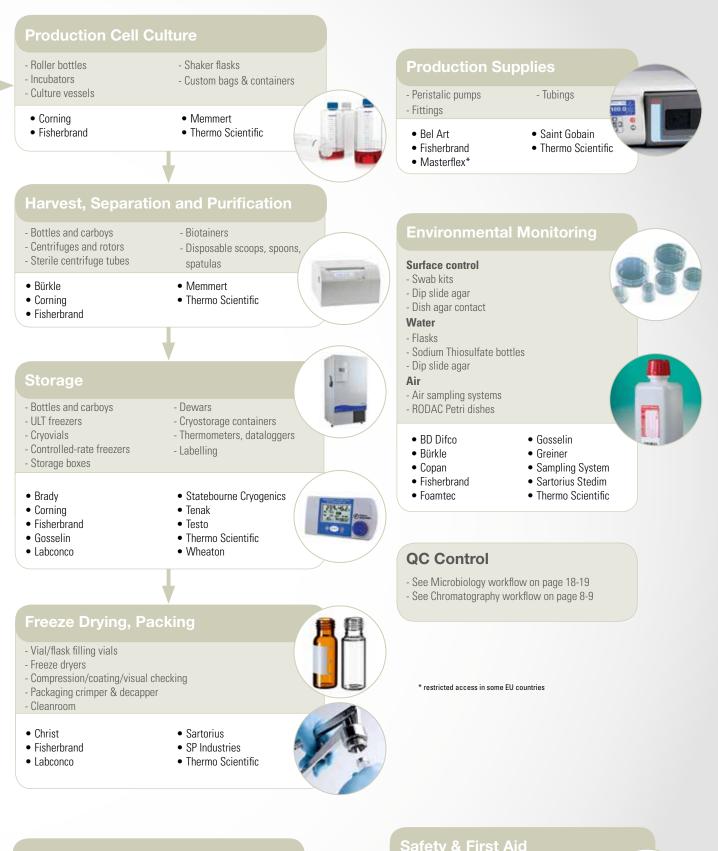
For Safety, go to page 24!

## Storage - Storage boxes - Printing labels - Brady - Fisherbrand - Kartell - Thermo Scientific

## Bioproduction







- Cleaning Systems & Equipment
- Floor & wall cleaning - Wastebags - Cleaning mop buckets and - Equipment handles Micronova • Foamtec
- Berkshire

## • Contec

## - Safety eye/bodyshower

• 3M

Asecos

- Spilling control - Safety cabinet - First aid kit
  - Honeywell
- Köttermann

## Microbiology





# Sterilisation/Destruction - Autoclaves - Autoclave bags - Sterilisation indicators • 3M • Fisher Scientific • Thermo Scientific



# Water Analysis

#### Sampling

- Thiosulfate lab bottles
- Manual samplers
- Automatic samplers, peristaltic pumps
- Scoops
- Bags, cylinders, HDPE & PP lab bottles, dippa containers
- Thermo Scientific Sterilin, Gosselin
- Bürkle • Fisherbrand, Masterflex\*
- Fisherbrand, Bürkle
- Fisherbrand, Thermo Scientific Sterilin, Gosselin, Azlon

### **Field Analysis**

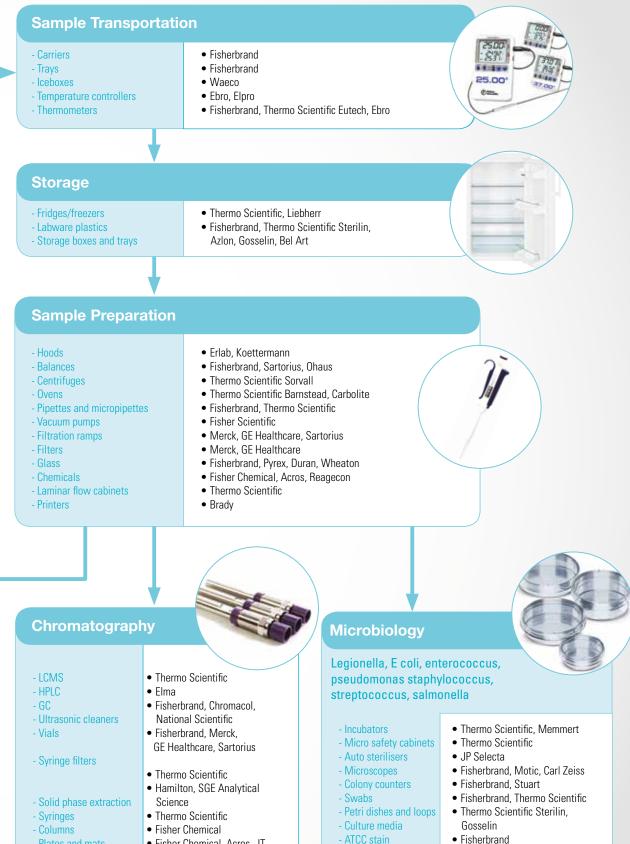
- pH buffers
- pH strips
- Colorimeters
- Handeld photometers
- Secchi discs
- Turbidimeters
- Dip slides
- Thermometers
- Fluorimeters
- Handheld jar testers
- Timers
- Handheld pH-meters
- Handheld conductimeters
- Handheld oxymeters

- Fisher Chemical, Reagecon
- Fisherbrand, Macherey Nagel
- Thermo Scientific, Chemetrics
- Lovibond Tintometer, WTW, Palintest
- Lovibond Tintometer, Thermo Scientific, WtTW
- Thermo Scientific Oxoid
- Thermo Scientific, Ebro
- Lovibond Tintometer
- Fisherbrand
- Fisherbrand, Thermo Scientific
- Fisherbrand, Thermo Scientific, WTW
- Fisherbrand, Thermo Scientific, WTW
- Fisherbrand, Thermo Scientific, WTW, YSI
- Thermo Scientific, WTW, Horiba, YSI

#### **Physical Chemistry Analysis**

COD, BOD, turbidity, pH, conductimetry, salinity, heavy metals, parameters such as chlorine, MES, nitrogen...

Parameter	Method	Equipment	Supplier	Standard
COD (Chemical	normalised	Photometers	Lovibond Tintometer	ISO 6060
Oxygen Demand)		Thermo reactors	Palintest, WTW	
		Balances	Fisherbrand, Sartorius, Ohaus	
		Muffle furnaces	Thermo Scientific, Carbolite, Nabertherm	
		Drying ovens	Thermo Scientific, Memmert	
		Chemicals	Fisher Chemical	
BOD (biochemical	normalised	Oxymeters		ISO 5815
Oxygen demand)		Magnetic stirrers	Fisherbrand, Thermo Scientific	
		Water purification	Thermo Scientific, Sartorius	
		Incubators	Lovibond Tintometer, Velp Scientifica	
		BOD systems	WTW, Lovibond Tintometer, Velp Scientifica	SM 5210 D
Turbidimetry	normalised	Tubidimeters	Velp Scientifica	ISO 7027
рН	normalised	pH meters	Fisherbrand, Thermo Scientific, WTW, Mettler, Knick	ISO 10523
		Standard buffers	Fisher Chemical, Reagecon	
Conductivity	normalised	Conductivity meters	Fisherbrand, Thermo Scientific, WTW, Mettler, Knick	ISO 7888
		Standard buffers	Fisher Chemical, Reagecon	
DO (dissolved oxygen)	normalised	Oxy meters	Thermo Scientific, WTW, Mettler, Knick, Horiba	ISO 58134, ISO 17289
ORP	normalised	lon meters	Thermo Scientific, WTW, Mettler, Knick	
	normalised	Chromatography	ion Chromatography	ISO 10304
Water hardness	rapid	Test strips	Tintometer, Macherey Nagel	
	normalised	Photometers	Thermo Scientific, WTW, Tintometer	
Nitrogen-Kjeldahl	normalised	Digestion units	Velp Scientifica	ISO 5663
Heavy metal	normalised	Atomic absorption	Thermo Scientific, Jenway	ISO 8288, ISO 9174, ISO 12846
		Mineralisation systems	Velp Scientifica	
Phosphorus	normalised	Photometers	WTW, Tintometer Lovibond	ISO 6878
Phenol	normalised	Spectrophotometers	Thermo Scientific, Jenway	ISO 6439
Chlorine	normalised	Spectrophotometers	Thermo Scientific, WTW, Lovibond Tintometer, Jenway	ISO 7393
Suspended solids by	rapid	Moisture analysers	Fisherbrand, Sartorius	
filtration	normalised	Centrifuges	Fisherbrand, Thermo Scientific	
		Filtration glass fibre filters	Thermo Scientific, Merck, GE Healthcare, Sartorius	ISO 11923
		Ovens	Thermo Scientific, Heratherm, Memmert	ISO 872
		Balances	Fisherbrand, Sartorius, Ohaus	ISO 872
		Freeze dryers	Labconco	
TOC	normalised	FTIR Spectroscopy	Thermo Scientific	ISO 1484



- Plates and mats
- Solvents
- Chemicals
- Fisher Chemical, Acros, JT Baker, Reagecon, Riedel-de Haën Chromasolv and Fluka, Spex Certiprep, Spectracer
- ATCC stain
- Thermo Scientific Oxoid\*

## Physical Analytical Chemistry



#### **Quantitative Analysis**

#### **Spectrophotometry**

UV-visible spectrophotometers, cleaning lens, UV cuvettes

Gravimetric

Glassware and plasticware Liquid handling

#### Volumetric

Volumetric glassware Water analysis

#### • Biochrom

- Brand
- Fisherbrand
- Acros Organics
- Bel Art
- Electrothermal, Stuart
- Brand
- Duran
- Fisher Chemical
- Fisherbrand
- Acros Organics
- Bel Art
- Duran
- Fisher Chemical
- Fisherbrand
- Fluka Hydranal
- Gilson
- Mettler

- GE Healthcare
- Jenway
- Thermo Scientific
- Memmert
- Merck
- Scilabware
- Thermo Scientific
- GE Healthcare
- Wheaton
- Ohaus
- Pyrex
- Sartorius
- Scilabware
- SI Analytics
- Thermo Scientific
- Wheaton

#### **Qualitative Analysis**

- Colorimetry: strips, bunsen burners, aluminum foil, parafilm
- Concentration: glassware, reagents, indicators
- Electrochemistry: pH (acidity, alkalinity), Conductivity,
- TDS, Salinity, Turbidity: buffers, standards, strips, multi-parameters
- Hardness: indicators, colorimetric tests

Density: hydrometers, densimeters, balances

Viscosity: equipment

*Moisture*: Karl Fisher equipment, reagents

*Melting point:* equipment

Index of Refraction: refractometers, pipettes, bulbs, standards

Chemical Oxygen Demand: reactors, tubes, fume hoods

Polarimetry: polarimeters, tubes

- Atago
- Bellingham + Stanley
- Brand
- Büchi
- Duran
- Fisher Chemical
- Fisherbrand
- Fluka Hydranal
- Lovibond
- Macherey Nagel Mettler
- Ohaus
- Reagecon
- Sartorius
- Scilabware
- SI Analytics
- Spex
- Thermo Scientific
- Velp
- WTW

#### Personal Protection

- Spectacles, goggles, over-spectacles
- Single use or reusable gloves, chemical or thermal resistant gloves, masks, respirators
- 3M
- Ansell
- Bollé
- Fisherbrand
- Honeywell

• Du Pont

- Kimberly Clark

- Microflex
- Semperit



Safety

#### Eye, Face and **Personal Head Protection Protective** - Spectacles, over-spectacles, goggles, face shields - Helmets Equipment - Disposable bouffant caps • 3M • Bollé Honeywell • Fisherbrand **Respiratory Protection** - Disposable facemasks - Respirators (disposable) **Hearing Protection** - Half and full face masks - Supplier air respirators - Ear plugs, ear muffs - Face shields • 3M Honeywell • Fisherbrand • 3M • Sperian Honeywell 0 **Protective Clothing** 0 **Hand Protection** Φ - Protective clothing reusable - Protective clothing single use - Chemical resistant clothing - Lab coats - Chemical resistant, coated, cotton and cut - Sleeves resistant - Glove box dispensers - Heat resistant, medical/exam, non-exam • 3M Honeywell • DuPont Kimberly Clark • Fisherbrand Ansell • Kimberly Clark Bel-Art Products Microflex • Fisherbrand Semperguard Honeywell **Foot Protection** - Shoes Overshoes Boots - Chemical resistant shoes • 3M

Honeywell

• Kimberly Clark

• Fisherbrand

## Facility Safety and Controlled Environments Products



Facility Safet Products	y and Controlled Environ	ments
- Sterile and non-steril - Sterile and non-steril - Equipment and furnit - Housekeeping - Disinfectants	C Barrier C Barrier	
- Disinfectants - Packaging, tubing an - Stationery and tapes - Matting - Swabs and wipers		
<ul> <li>Ansell</li> <li>Berkshire</li> <li>Contec</li> <li>DuPont</li> <li>Foamtec</li> <li>Kimberly Clark</li> </ul>	<ul> <li>Micronova</li> <li>Nitritex</li> <li>Pal International</li> <li>Purus</li> <li>Texwipe</li> <li>Thermo Scientific</li> </ul>	

## All your Life Science Premier Brands from One Source

We are committed to working with you to lower costs and increase efficiency, so you have the freedom to focus on research. We can provide any and all of the resources, products and programmes to ensure that success. When you choose Fisher Scientific, you are selecting a partner with more than a century of experience and a forward-looking suite of products and services to support your Life Science research.



PLUS we provide support with our Life Science Application Specialists, our dedicated literature and our extensive web resources.

Broad choice. Unique source. Covering all your chromatography and chemical needs



As well as our workflow solutions, the Fisher Scientific brand offers a comprehensive portfolio of safety equipment and PPE to ensure a safe workplace.

The Fisher Scientific brand is dedicated to supporting your needs on an individual basis. Our unique management structure will ensure that best practices are shared regarding issue resolution, process improvement and drive for cost savings, helping you stretch your research funding further.

Your Account Manager will provide end-user focused support including advice on products and answer questions on alternatives, availability and pricing. You will also be supported by technical specialists: our Life Science Specialist sales team and our Safety Specialists, to offer advice regarding specific applications.

## **Unity Lab Services (ULS)**

Unity Lab Services combines product and laboratory support services to create a single solution for customers so they can optimise productivity and reduce their total cost of laboratory operations. Unity Lab Services offers a range of pipette calibration and equipment maintenance services.

Our solutions are scalable to meet your varied needs, from a single instrument support plan to a highly customised programme at your laboratory site. We offer a range of services depending on the territory you are located in.



**Instrument Services** 

We can also offer a range of equipment service options ranging from annual preventative maintenance to premier service contracts. Please discuss your requirements with your local sales contact.



### **Pipette Calibration**

Regular pipette calibration and maintenance ensures repeatable, reliable results and these services ensure the lifetime of your pipette is maximised. GLP (Good Labrotary Practice) requires precision tools to be maintained and calibrated at regular intervals by a competent body. All pipettes calibrated by Unity Lab Services will meet ISO 8655 standards

## **Customer Service and Product Support**

Our extensive teams of local Customer Service and Product Support Specialists are dedicated to servicing your needs by providing you with support to complete your laboratory research.

Your Customer Service Specialists are your first point of call for help with up to the minute data on products. prices, availability and delivery. In addition they are ably supported by a trained team of Product Support Specialists who are dedicated to helping you with any technical product queries you may have. All Customer Service Specialists receive continuous training and support through an in house coaching and development programme.



**Application and Product** Support Specialists all with scientific background



**Team of Customer Service Specialists** 



Call monitoring systems in place

#### Need Technical Support? Then we can help here too!

Our Product Support Advisors are all highly qualified professionals who are ready to support and guide you

WHAT OUR CUSTOMERS SAY ABOUT OUR PRODUCT SUPPORT

Tel: +44 (0)1509 555888

Tel: +353 (0)1 885 5854

"I was very impressed by the knowledge and professionalism shown...both telephone calls and emails were responded to immediately and it felt like a tech support call, not a sales call ... "

"...we were extremely satisfied with the experience overall! Your specialist could not have been more helpful, dealing so professionally, speedily and friendly with every query...'

Email: psg.no@thermofisher.com

"...speed, appropriate technical knowledge and appropriate/clear/thorough response are what matters and are exactly what I got. Thank you...'



Tel: +32 (0)56 260 260 Email: be.fisher@thermofisher.com



Tel: +351 21 425 33 50 Email: pt.fisher@thermofisher.com



Email: fsie.sales@thermofisher.com +358 (0)98027 6280 Email: fisher.fi.techsupport@thermofisher.com

Email: fisheruk.productsupport@thermofisher.com



Tel: +46 31 352 32 00 Email: tsse@thermofishe r.com Email: tsdk@thermofisher.com Tel: +31 (0)20 487 70 00

Tel: +47 22 95 59 59

Tel: +45 70 27 99 20

Email: nl.info@thermofisher.com



Email: it.fisher@thermofisher.com

## Our **2017** Preferred Supplier/Brand Programme

thermo scientific

invitrogen

applied biosystems

fisherbrand















Merck



Unity Lab Services A Thermo Fisher Scientific Brand

Ansell

Honeywell



**Sel-Art Products** 





DURAN GROUP







Experts in Thermostatics



sartorius











© 2016 Thermo Fisher Scientific Inc. All rights reserved. Trademarks used are owned as indicated at www.fishersci.com/trademarks.

Austria: +43(0)800-20 88 40 Belgium: +32 (0)56 260 260 Denmark: +45 70 27 99 20 Germany: +49 (0)2304 9325 Ireland: +353 (0)1 885 5854 Italy: +39 02 950 59 478 Finland: +358 (0)9 8027 6280 France: +33 (0)3 88 67 14 14 Netherlands: +31 (0)20 487 70 00 Norway: +47 22 95 59 59 Portugal: +351 21 425 33 50 Spain: +34 902 239 303 Sweden: +46 31 352 32 00 Switzerland: +41 (0)56 618 41 11 UK: +44 (0)1509 555 500

