



# Pathology **Essentials**

Products. Applications. Innovations.

**ThermoFisher**  
SCIENTIFIC



# A breakthrough in tissue block management

**SPECIAL  
OFFER**

The Thermo Scientific™ Syntri™ Arcos™ Block Management System is designed to minimise errors, increase productivity and keep your laboratory's resources focused on what matters most - positive patient outcomes.

- **Prevents lost blocks:** Maintains a complete record of all blocks in storage that can be easily accessed and searched at any time
- **Increased accuracy:** The system eliminates errors endemic to the hand-sorting process
- **Archived in an instant:** No more time consuming manual sorting; scan hundreds of blocks at once
- **Database integrity:** Database can be automatically archived to your choice of secure storage - hard drive, external network or cloud-based
- **Reliable retrieval:** Find tissue blocks quickly and easily
- **Proven savings:** The system has been shown to save thousands of man hours per year, increasing lab efficiency and productivity
- **A natural fit for your workflow:** Compact design, saving up to three metres of workspace previously reserved for sorting and stacking blocks



**Receive 2 packs  
of Arcos trays free  
with every Arcos  
system purchase**

Special offer at:



**[thermofisher.com.au/arcos](https://thermofisher.com.au/arcos)  
[thermofisher.co.nz/arcos](https://thermofisher.co.nz/arcos)**

Item Code	Description	Units
ASHB84700001	Arcos Block Management System (includes: scanner, PC monitor, PDA and label printer)	EA
ASHB84710001	Trays for Arcos Block Management System (6 pcs)	EA
ASHB84710007	Stackable cabinet for 18 Arcos trays	EA
ASHB84710008	Stackable cabinet for 24 Arcos trays	EA

# Introducing efficient cooling for the Precellys® Evolution homogeniser

**SPECIAL  
OFFER**

The Precellys Evolution super homogeniser utilises a unique figure-8 multi-directional motion to provide the same high level of energy and homogenisation efficiency to each tube.

With the capability to process 5 different sizes of tube (0.3 mL in well-plate format, 0.5, 2, 7 and 15 mL) and up to 96 tubes simultaneously, it can grind, homogenise or lyse any type of soft or hard sample from animal, human, plant or microorganism, in about 30 seconds

**Now you can preserve your sensitive samples' integrity during homogenisation by adding the NEW Cryolys® Evolution cooling unit to your Precellys Evolution at an introductory price!**

## The Cryolys Evolution offers:

- Accurate temperature monitored by Precellys Evolution software
- Efficient cooling before, during and after processing
- Minimal bench space requirements



Special offer at:



[thermofisher.com.au/cryolys](https://thermofisher.com.au/cryolys)  
[thermofisher.co.nz/cryolys](https://thermofisher.co.nz/cryolys)

# Total elemental analysis in clinical research using the new Thermo Scientific™ iCAP™ Triple Quadrupole ICP-MS

An interesting example of trace elemental analysis for clinical research purposes is exploring the degradation of titanium based orthopaedic and dental implants in humans. Following recent research on the possible carcinogenic effects of titanium dioxide the fate of titanium in the human body has become a growing area of clinical research focus. To support this there is a need for the development of robust analytical methods for the identification and quantification of titanium in a range of samples such as human body fluids and organs.

Advancements in ICP-MS technology have led to the development of triple quadrupole (TQ) ICP-MS instruments, which have the required sensitivity as well as the capability to resolve isobaric interferences resulting from polyatomic and isotopic species.

Download the application note at:



[thermofisher.com.au/technote43283](https://thermofisher.com.au/technote43283)  
[thermofisher.co.nz/technote43283](https://thermofisher.co.nz/technote43283)



Can I actually **share protocols** with colleagues in other labs and countries, instantly?

You're saying that I can **download pre-programmed protocols** for my reagent kits, and skip the programming all together?

Is there an easier, faster way to **program** the pipettes in my lab?

**It's here!**

The NEW  
My Pipette Creator app!



## Go beyond limitations

and revolutionise the way you pipette!

### Introducing My Pipette™ Creator,

a new web-based pipetting app that helps take your work beyond the status quo with more optimisation, simplicity and assurance, along every step of your pipetting process.



#### Download protocols

Download pre-programmed protocols for your reagent kits. Save time and help ensure optimal results.



#### Program on a PC

Program pipettes on your PC and transfer to multiple pipettes instead of programming pipettes individually.



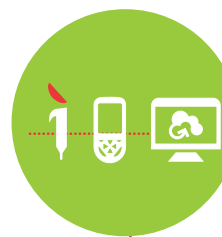
#### Share protocols

Share protocols with your colleagues in another lab, location or country.



#### Manage pipettes

Connect to My Pipette Creator and streamline pipette programming, collaboration and consistency.



Connect your **Thermo Scientific™ E1-ClipTip™** pipettes to the My Pipette Creator app and tap into the power of connected pipetting.



**Boost productivity, efficiency and your research results.**

Powered by

Thermo Fisher **Cloud**



Get connected today!

Learn more at, [thermofisher.com/mypipette](https://thermofisher.com/mypipette)

# Enjoy **pipetting** again

When all the ergonomic elements of the Thermo Scientific™ E1- ClipTip™ electronic pipette are combined, pipetting is comfortable, safe and an enjoyable experience.

Feel the difference with the E1 pipette whilst being in control of complex protocols, therefore saving time when transferring between different labware formats and ensuring consistent reproducibility from user to user,



## Ergonomics

- Index finger operation to minimise thumb strain
- Adjustable finger rest allows optimal pipetting position for both left and right handed users
- Maximise comfort with the rotating display and ski boot design of multi-channel and the short single channel barrel
- Electronic tip ejection

## Programing

- Save up to 30 programs
- Each program can store up to 60 steps
- Ability to add steps mid program without rewriting complete programs
- For your security you have the ability to store and password protect 8 programs
- Pre-set or step based functions

## Sample transfer

- Ability to transfer between different labware formats from tubes to 24, 48, 96 and 384 -well plates
- Available in single, 6, 8, 12 and 16 channel formats

Now with  
**Bluetooth  
connectivity**

# Thermo Scientific™ Heratherm™ Advanced Protocol Security Microbiological Incubators

Ensure outstanding sample safety with Thermo Scientific Heratherm Advanced Protocol Security Microbiological Incubators, which include a unique 140°C decontamination routine, lockable incubator door with alarm for restricted access, and automatic over and under temperature alarms.



**Save**  
up to  
**20%**

Special offer at:



[thermofisher.com.au/herathermincubator](https://thermofisher.com.au/herathermincubator)  
[thermofisher.co.nz/herathermincubator](https://thermofisher.co.nz/herathermincubator)

- **Certified decontamination** cycle at 140°C reduces contaminating microorganisms to a minimum. The self-cleaning feature eliminates the need for autoclaving interior fittings and using harsh cleaning chemicals resulting in time saved and increased safety
- Ultimate **sample protection** with a lockable door for restricted access, over and under temperature alarm and an alarm for when door is left open
- Market leading **temperature uniformity** and stability; no cold spots and allows the whole chamber to be utilised
- **Easy to use** with intuitive user interface, timer and alarms. Plus, a stainless steel interior with rounded corners for easy cleaning and corrosion resistance
- **Two year warranty** on parts and labour for peace of mind

## Colour makes a brilliant difference

FREE Trial pack of Thermo Scientific™ Brilliance™ Chromogenic Media Plates to new customers

Detect, presumptively identify and screen samples for pathogenic and non-pathogenic organisms with speed and accuracy using chromogenic media.

- Colony colours are vivid and easy to read allowing rapid differentiation and presumptive identification of the organisms in question
- Short incubation times enable timely and important decision making for clinical laboratories



Special offer at:



[thermofisher.com.au/brilliancemedia](https://thermofisher.com.au/brilliancemedia)  
[thermofisher.co.nz/brilliancemedia](https://thermofisher.co.nz/brilliancemedia)

Item Code	Description	Units
PP2475	Brilliance MRSA 2 Agar Plates (10 pcs)	EA
PP2419	Brilliance ESBL Agar Plates (10 pcs)	EA
PP2248	Brilliance UTI Agar Plates (10 pcs)	EA

**SPECIAL  
OFFER**

# Save now on our range of Thermo Scientific Gram Stains

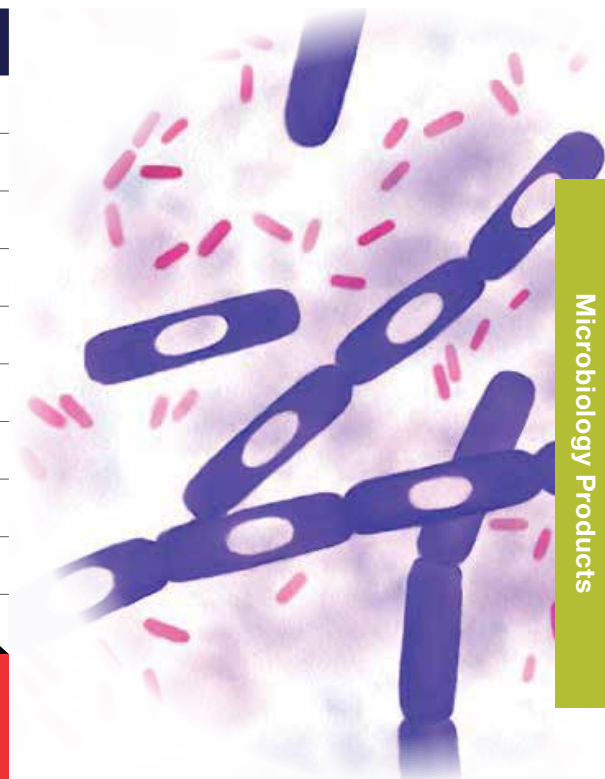
Item Code	Description	Units
MV0157	Gram Crystal Violet	1 L
MV0158	Gram Iodine	1 L
MV0151	Gram Decolouriser	1 L
MV0155	Gram Carbol Fuchsin 0.1%	1 L
MV0163	Gram Safranin	1 L
MV1031	Gram Crystal Violet	4 L
MV1032	Gram Iodine	4 L
MV1034	Gram Safranin	4 L
MV1035	Gram Dilute Carbol Fuchsin	4 L



Special offer at:

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[thermofisher.co.nz/gramstain](https://thermofisher.co.nz/gramstain)

**SPECIAL  
OFFER**



Microbiology Products

## Automated Slide Staining

The IUL PolyStainer performs standardised staining procedures that free staff from labour-intensive staining procedures in general Microbiology and Histology laboratories.

- **Walkaway Solution:** A one push button operation triggers the entire staining procedure
- **Unique Design:** The PolyStainer is uniquely designed to separate its staining area from the systems electronics and mechanics, this ensures endurance due to separation from highly oxidative reagents
- **Staining Protocol Optimisation:** Ensures no cross contamination by using the PolyStainer's rinsing well drain to keep rinsing water clean. Speeds up preparation by drying out slides. Holds up to 20 slides



**SPECIAL  
OFFER**



Special offer at:

[thermofisher.com.au/polystainer](https://thermofisher.com.au/polystainer)  
[thermofisher.co.nz/polystainer](https://thermofisher.co.nz/polystainer)

# TSC Protect™ Microorganism Preservation System

TSC Protect - the original low temperature storage system, provides a reliable long term cryopreservation method for a wide range of fastidious and non-fastidious microorganisms.

- Ideal for long-term maintenance of a wide range of stock and quality control microorganisms, including yeast and fungi
- FDA approved permitting assured quality and traceability
- Each vial provides 20 subcultures, dramatically reducing the cost per test versus other techniques
- Ideal for frequent users for consistent and reliable performance control



Special offer at:



[thermofisher.com.au/tscprotect](https://thermofisher.com.au/tscprotect)  
[thermofisher.co.nz/tscprotect](https://thermofisher.co.nz/tscprotect)

Item Code	Description	Units
TS/80-MX	Protect Multipurpose Mixed Colours (80 pcs)	EA

**SPECIAL  
OFFER**

## Environmental air monitoring

The Thermo Scientific™ Oxoid™ Air Sampler is a high specification instrument for monitoring the level of microbial contamination in pharmaceutical and clinical environments, including ICU, NICU and Burns units.

- **Easy to use:** The simple keypad makes menu navigation easy, with all sampling information displayed on an alpha-numeric screen
- **Flexible:** The sampler has both fixed and user-defined functions that offer flexible sampling volumes, delayed start, multiple run and interval time options. Easily converted from the standard 90 mm sampling head to fit 55 mm contact plates
- **Collection Efficiency:** Validation work has shown the air sampler to have a physical efficiency of 100% for particles, 0.8 to 19.0 micron in size



Special offer at:



[thermofisher.com.au/oxoidairsampler](https://thermofisher.com.au/oxoidairsampler)  
[thermofisher.co.nz/oxoidairsampler](https://thermofisher.co.nz/oxoidairsampler)

Item Code	Description	Units
EM0100S	Oxoid Air Sampler with stainless steel head for 90 mm plates	EA
EM0100A	Oxoid Air Sampler with aluminium head for 90 mm plates	EA

**SAVE  
over  
30%**



**FREE  
SAMPLE**

# Microbiology consumables from a brand you know and trust

Used in laboratories throughout Australia and New Zealand, LabServ® disposable plastics are manufactured in New Zealand in a specialised controlled environment to minimise the risk of contamination.

## Petri Dishes

- Made from polystyrene
- Stacking ring for stability
- Available in options for manual or automatic pours
- Full or half (divided) plate options
- Gamma sterile

## Inoculating Loops

- Made from polystyrene
- Colour coded for size identification
- Packaged in tamper-proof sealed bags
- Gamma sterile

## Media Spreaders

- Made from polystyrene
- Available in L and T shaped options
- Gamma sterile

Request free sample at:



[thermofisher.com.au/labservmicro](https://thermofisher.com.au/labservmicro)  
[thermofisher.co.nz/labservmicro](https://thermofisher.co.nz/labservmicro)

Item Code	Description	Units
LBS60060X	Petri dish PS sterile 60 x 14 mm (1000 pcs)	EA
LBS60001X	Petri dish PS sterile 90 x 15 mm - full plate manual (500 pcs)	EA
LBS60003X	Petri dish PS sterile 90 x 15 mm - half plate manual (500 pcs)	EA
LBSPD1002X	Petri dish PS sterile 90 x 15 mm - full plate automatic (500 pcs)	EA
LBSPD2002X	Petri dish PS sterile 90 x 15 mm - half plate automatic (500 pcs)	EA
LBSSPR002X	Spreader T shape bar PS sterile (2000 pcs)	EA
LBSSPR001X	Spreader L shape bar PS sterile (3000 pcs)	EA
LBSLP7201	Inoculating loop PS yellow 1 µL 170mm sterile 20/bag (1000 pcs)	EA
LBSLP7202	Inoculating loop PS blue 10 µL 170mm sterile 20/bag (1000 pcs)	EA
LBSLP7202/50	Inoculating loop PS blue 10 µL 170mm sterile 50/bag (6000 pcs)	EA
LBSLP7230	Inoculating loop PS blue 10 µL 230mm sterile 20/bag (1000 pcs)	EA

## Prepare quality monolayer cell presentations with ease

**SPECIAL  
OFFER**

The StatSpin™ CytoFuge™ 2 is the perfect affordable and compact solution for your cytocentrifuge needs. It's simple, intuitive controls and new snap-seal filter concentrators make operation easier than ever before with samples processed quickly, silently and conveniently on any bench or even in a biological safety cabinet.

- Four slide capacity with samples prepared in as little as five minutes
- Automatic soft acceleration and braking help protect delicate cells
- Compact footprint with quiet operation
- Supplied with a start-up supply of accessories and consumables



Special offer at:



[thermofisher.com.au/cytofuge2](https://thermofisher.com.au/cytofuge2)  
[thermofisher.co.nz/cytofuge2](https://thermofisher.co.nz/cytofuge2)

Item Code	Description	Units
IRICF02	StatSpin CytoFuge 2 Personal Cytocentrifuge	EA

## Clear your lipemic or plasma samples fast

**SPECIAL  
OFFER**

The StatSpin™ LipoClear™ is a safe, effective, and economical lipemic/plasma clearing reagent designed to clear samples in as little as 95 seconds. Available in convenient pre-filled tubes, LipoClear is simple to use and is the perfect centrifuge companion for your processing laboratory.

- Non-toxic and non-carcinogenic
- Does not affect common analytes, including enzymes and bilirubin
- Removes the need for special equipment ... no ultracentrifugation required



Special offer at:



[thermofisher.com.au/lipoclear](https://thermofisher.com.au/lipoclear)  
[thermofisher.co.nz/lipoclear](https://thermofisher.co.nz/lipoclear)

Item Code	Description	Units
IRILC10	LipoClear Pre-filled reagent tubes for clearing 0.5 ml of lipemic serum or plasma	Pack of 10
IRILC40	LipoClear Pre-filled reagent tubes for clearing 0.5 ml of lipemic serum or plasma	Pack of 40

# Improving patient safety while enhancing lean workflow

Reduce patient identification errors, eliminate waste and streamline your labelling process by printing cassettes on-demand with the Thermo Scientific™ PrintMate™ AS Cassette Printer at the grossing station.

- Save time - prints each cassette in ten seconds or less
- Compact footprint allows the printer to fit easily next to the grossing station
- Print only the cassettes you need, right at the point of use
- Print barcodes on cassettes to allow for automated downstream processes
- Eliminate error - filled handwriting processes

Request a demonstration at:  
[thermofisher.com.au/printmateas](http://thermofisher.com.au/printmateas)  
[thermofisher.co.nz/printmateas](http://thermofisher.co.nz/printmateas)

REQUEST A  
**DEMO**



## Reduce specimen identification errors while improving laboratory efficiency

The enhanced surface finish and reinforced print face of the Thermo Scientific™ PrintMate™ Cassette range makes it the perfect partner for the Thermo Scientific™ PrintMate™ Cassette Printer.

- Optimise printer performance and reliability
- Prefilled cassette tubes enable greater workflow efficiency
- Standard, single colour lids minimise workspace clutter
- Reduce transcription errors in your laboratory

Request a quotation at:

[thermofisher.com.au/printmatecassette](http://thermofisher.com.au/printmatecassette)  
[thermofisher.co.nz/printmatecassette](http://thermofisher.co.nz/printmatecassette)

See online for more cassette and lid options

Item Code	Description	Units
ASHA84210010	Embedding cassette pore style without lid aqua - 20 tubes of 75 cassettes (1500 pcs)	EA
ASHA84210011	Embedding cassette pore style without lid blue - 20 tubes of 75 cassettes (1500 pcs)	EA
ASHA84210012	Embedding cassette pore style without lid green - 20 tubes of 75 cassettes (1500 pcs)	EA
ASHA84210013	Embedding cassette pore style without lid grey - 20 tubes of 75 cassettes (1500 pcs)	EA
ASHA84210018	Embedding cassette pore style without lid white - 20 tubes of 75 cassettes (1500 pcs)	EA



Protect routine samples:

## Selecting the right cold storage equipment has become a critical decision for today's laboratory

MODELS  
FROM  
\$3,000



**Laboratories today are recognising the key differences between standard refrigerators and freezers and those designed specifically for protecting precious samples.**

There are three main types of refrigerators and freezers for three specific needs:

- **Those built for laboratory applications**

These refrigerators and freezers are designed to store high value, critical samples, reagents, enzymes and cells. They're specifically engineered to meet the demanding temperature requirements of these valuable items. Sample integrity and protection is paramount.

- **Those built for domestic use and those built for retail and catering sector**

These products are designed for household (such as eggs, meat and cheese) and commercial groceries (such as bottled water, and bulk storage food). If the units' temperature fluctuates outside the required limits, these items will be inexpensive to replace.

## The right choice for sample storage

The Thermo Scientific™ GP Series includes medium and large capacity refrigerators and freezers designed for routine sample protection. With capacity ranging from space-saving to spacious, our new GP Series lab refrigerators and freezers meet the demands of today's laboratory requirements. All models contain sample protection features designed for the rigorous demands of the laboratory environment.

**All GP Series models deliver the sample protection, performance, security and quality you have come to depend on from us:**

- Integrated controller
- Digital display
- Low energy consumption
- Choice of glass or solid door (refrigerators only)
- Forced air circulation
- Automatic defrost
- HCFC- and CFC-free insulation
- Reversible doors (R/F 400 and R/F 700 models only)
- High and low temperature alarms
- Door ajar alarm
- Remote alarm contacts
- Standard door locks
- Standard casters
- Access ports
- Interior fluorescent lighting

Request a quotation at:



[thermofisher.com.au/gpscoldstorage](https://thermofisher.com.au/gpscoldstorage)  
[thermofisher.co.nz/gpscoldstorage](https://thermofisher.co.nz/gpscoldstorage)

# An automated ELISA testing solution for forensics

REQUEST A  
**DEMO**

Designed with full walkaway capability, the Dynex DS2® quickly and easily processes two 96-well microplates and up to 12 different assays simultaneously. The system also features a user-friendly control system, chain of custody management and on-board instrument diagnostics.


The flexible, open system design of the CE-marked DS2 is ideal for forensic applications when used in conjunction with our comprehensive range of forensic ELISA kits.

**Our forensic testing range includes:**

- Amphetamine
- Benzodiazepine
- Methamphetamine
- Buprenorphine
- Cannabinoids
- Cocaine
- Fentanyl
- K2 synthetic cannabinoid

*DS2 is a general purpose microplate processor. It is the customer's sole responsibility to determine the DS2 system's suitability for a particular application, including any clinical application, and validate the product for that use in compliance with all applicable legal requirements and policies*



Request a demonstration at:  
 [thermofisher.com.au/ds2forensic](https://thermofisher.com.au/ds2forensic)  
[thermofisher.co.nz/ds2forensic](https://thermofisher.co.nz/ds2forensic)

## Thermo Scientific™ Tube Revolver

Increase your lab's efficiency with the variable speed Thermo Scientific Tube Revolver / Rotator. A small footprint, flexible design and simple display creates a multi-functional tube mixer.

- Interchangeable paddles accommodate 0.5/0.8 mL, 1.5 mL, 5/7 mL, 10/15 mL and 50 mL tubes
- Offers multiple rotating actions with 360° rotation, adjustable paddle angles (from 0 to 90°) and oscillation
- Plug-and-play simplicity for fast set up and ease of use
- Speed range of 10 to 40 rpm
- 2 year warranty on parts and labour for peace of mind

Special offer at:  
 [thermofisher.com.au/tuberevolver](https://thermofisher.com.au/tuberevolver)  
[thermofisher.co.nz/tuberevolver](https://thermofisher.co.nz/tuberevolver)

**SPECIAL  
OFFER**

Item Code	Description	Units
BAR88881002	<b>Digital Tube Revolver, includes:</b> Two 10 mL/15 mL paddles (88881005) Two 5 mL/7 mL paddles (88881006) Two 1.5 mL/2 mL paddles (88881007) One 50 mL paddle (88881009)	EA





# Cancer is not homogeneous. Why should your liquid biopsy assays be?

For cancer researchers who need a liquid biopsy solution for tumor heterogeneity and recurrence research today, with potential for therapeutic response monitoring in the future, Ion Torrent™ Oncomine™ cell-free research assays enable multiple biomarker analysis with high sensitivity and specificity. From a single tube of blood, low allele frequency mutations down to 0.1% LOD can be detected.

- **Single tube of blood**—Oncomine cell-free assays accommodate a range of sample input, enabling you to use what you have, even if it's only 1 ng of input DNA
- **More actionable insights**—new gene content enables multi-biomarker analysis of SNVs, indels, CNVs, and fusions, for greater coverage and increased molecular insights
- **Comprehensive 2-day NGS research workflow**—the Oncomine liquid biopsy NGS workflow takes you from blood sample to refined variant data in 2 days with our fully integrated solution



Find out more at [thermofisher.com/cfdna-assays](https://thermofisher.com/cfdna-assays)

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# From sample collection to transport, LabServ® disposable plastics has an extensive range of products to meet your workflow needs.

## Containers

- Made from polystyrene and polypropylene
- Containers available in a variety of volumes
- Available sterile (gamma) and non-sterile
- Available with labels
- With screw top caps in a variety of colours
- Scoop option available

## Tubes

- Made from polystyrene and polypropylene
- Containers available in a variety of volumes
- Available sterile and non-sterile
- Flat, V and round base options available
- Tubes available for cerebro spinal fluid collection

## Transport

- Shippers for the transport of infectious substance
- Shippers meet all IATA regulatory requirement
- Shippers are UN compliant 4G Class 6.2/02
- Shippers NZCAA approval number NZ/CAA 38281-1

Request free sample at:  
 [thermofisher.com.au/labservsamplecollection](https://thermofisher.com.au/labservsamplecollection)  
[thermofisher.co.nz/labservsamplecollection](https://thermofisher.co.nz/labservsamplecollection)

**FREE  
SAMPLE**



## Macherey Nagel TGA Registered pH Indicator strips


Exclusively available from Thermo Fisher Scientific, are the Macherey Nagel TGA registered indicator test strips for measuring gastric juice, ranging from pH 2.0 - 9.0. These strips are CE marked for medical applications according to IVD directive as well as TGA registered to IVD Class 2.

### No bleeding due to colour-bounded indicator dyes

Indicator dyes are chemically bound to the test pads. This patented technology safely prevents bleeding of dyes into the sample and therefore the sample is not contaminated by indicator dyes. Consequently, you can use the solution for further analysis.

### Safe analysis by long plastic handle

The long plastic handle safely protects you from coming into contact with the sample.

Request a quotation at:  
 [thermofisher.com.au/mntgastrip](https://thermofisher.com.au/mntgastrip)  
[thermofisher.co.nz/mntgastrip](https://thermofisher.co.nz/mntgastrip)



Item Code	Description	Units
M-N92118	pH-Fix indicator strips 2.0 - 9.0 (100 pcs)	EA

