

Hanna Instruments Meter and Titrator Trade-In Program

Get 20% Off when you trade in your old testing equipment!



HANNA instruments

See page 2 for more details.

Eppendorf Pipettes

Buy any 3 Eppendorf Pipettes (Manual or Electronic) and get the 4th Pipette Half Price!



eppendorf

See page 2 for more details.

BioLegend Plexy the Octopus Promotion

Get a Plexy the Octopus Plushie when you order over \$750* in BioLegend products!



BioLegend®

See page 2 for more details.

Eppendorf Centrifuges

eppendorf



15% OFF LIST

See page 3 for more details.

CELLSTAR® Serological Pipettes

greiner bio-one

20% OFF LIST



See page 8 for more details.

Macherey-Nagel gDNA & RNA Hard to Lyse Extraction Kits



MN MACHEREY-NAGEL

UP TO 31% OFF

See page 6 & 7 for more details.



NEW! Greiner Bio-One Magnetic 3D Cell Culture

The core technology of Greiner Bio-One's Magnetic 3D Cell Culture is the magnetisation of cells with biocompatible NanoShuttle™-PL.



greiner bio-one

See page 8 for more details.



NEW! Lab Companion Products

Lab Companion



10% OFF LIST

See page 4 & 5 for more details.

Pipettes

eppendorf

Buy any 3 Eppendorf Pipettes (Manual or Electronic) and get the 4th Pipette Half Price!

For information on how to claim your half price pipette, please head to the "current promotions" section of our website or email info@mediray.co.nz

Terms and Conditions

- Your half price pipette must be of equal or lesser value to the cheapest of the three pipettes purchased.
- Promotion valid for Eppendorf Reference 2 and Research Plus 3 packs.
- Promotion not valid for trade-ins.
- Promotion not valid for the Eppendorf Research Plus 3 pack with carousel promotional bundle.
- Claims can be made up until October 31st 2018.



Instrument Meters

HANNA
instruments

Hanna Instruments Meter and Titrator Trade-In Program

Make the most of your old testing equipment by trading it in!

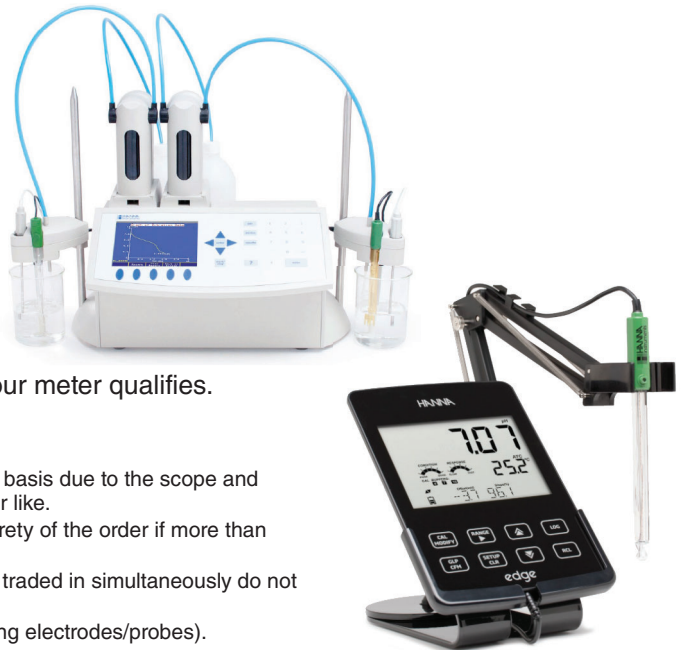
If you have a meter or titrator for measuring standard analytical parameters that's old or isn't working as it should be, then why not consider trading it in?

In return, you'll get 20% off Hanna instruments testers, meters and titrators.*

Contact info@mediray.co.nz with details to determine if your meter qualifies.

Terms and Conditions

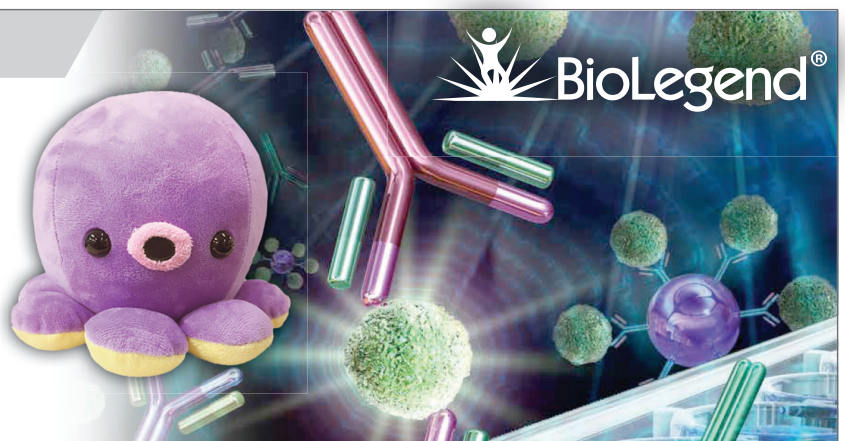
- *The validity of the discounted item will be judged on a case-by-case basis due to the scope and complexity of products on offer, in other words, like must be traded for like.
- The trade-in discount will only apply to a single item, and not the entirety of the order if more than one item is to be purchased.
- Trade-in discounts are not cumulative. E.g. two separate instruments traded in simultaneously do not equate to a 40% discount on a single item.
- This discount does not apply to consumables or accessories (including electrodes/probes).



Plexy the Octopus Promotion

Get a **Plexy the Octopus Plushie** when you order over \$750* in BioLegend products. Simply reference the code **PLEXY19** on your purchase order and Plexy will arrive with your goods.

*\$750 in BioLegend goods must be purchased in a single order. PLEXY19 must be referenced on purchase order for plushie to be packed.



Centrifuges

High capacity workhorses 5910R & 5920R

5910 R

With its great versatility, the refrigerated Centrifuge 5910 R is setting the next benchmark for benchtop centrifuges. With a comprehensive portfolio of fixed-angle and swing-bucket rotors, this centrifuge was designed to accommodate a particularly broad spectrum of applications.

The new universal swing-bucket rotor with unique universal adapters facilitates even quicker loading. This system allows centrifugation of conical vessels up to 50mL, plates, and 250mL bottles for the first time without the need to change rotors, rotor buckets, or adapters.



5920 R

Centrifuge 5920 R delivers extraordinary high capacity in a very compact and ergonomic product design. It has similar dimensions as competing refrigerated 3 Litre models and yet features a superior capacity of up to 4 x 1,000mL or 52 x 50mL thus making it the ideal instrument for high-throughput applications.



**15%
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For more information on which configuration will best suit your needs, email info@mediray.co.nz with your requirements today.

Laboratory Standard 5425 and 5424R Microcentrifuges

5425

This 24-place centrifuge has been engineered to be extremely quiet. Short runs up to 12 minutes are whisper quiet at an average of 45 dB(A). This is sufficient for centrifugation steps of most routinely used DNA/RNA purification kits.

During longer runs the cooling fan works at full capacity to dissipate the heat for the remainder of the run. Centrifuge 5425 is the successor of the legendary Centrifuge 5424. It has everything you loved before plus great new features to make every day work more enjoyable.

Description	Code	Pack Size	List Price (excl GST)	Promo Price (excl GST)
Centrifuge 5425 w/o Rotor, Rotary Knob	EP5405000689	Ea	\$3,104.00	\$2,638.00
Centrifuge 5425 w/o Rotor, Keypad	EP5405000280	Ea	\$3,104.00	\$2,638.00
Centrifuge 5425 w/ FA-24x2 Rotor, Rotary Knob	EP5405000484	Ea	\$3,859.02	\$3,280.00
Centrifuge 5425 w/ FA-24x2 Rotor, Keypad	EP5405000085	Ea	\$3,859.02	\$3,280.00



**15%
OFF LIST**

5424R

The refrigerated Centrifuge 5424 R is the laboratory standard when it comes to efficient cooling performance (e.g. quick cooling down from room temperature to set temperature) in a very ergonomic product design. It features state of the art cooling technology to ensure high temperature accuracy for maximum sample protection and best separation results. Ideal for everyday laboratory use.

Description	Code	Pack Size	List Price (excl GST)	Promo Price (excl GST)
Centrifuge 5424R Without Rotor, Knob Version	EP5404000685	Ea	\$7,934.10	\$6,744.00
Centrifuge 5424R Without Rotor, Foil Keypad Version	EP5404000286	Ea	\$7,934.10	\$6,744.00
Centrifuge 5424R Knob Version, incl. Rotor FA-45-24-11	EP5404000480	Ea	\$8,529.57	\$7,250.00
Centrifuge 5424R, Foil Keypad Version incl. Rotor FA-45-24-11	EP5404000081	Ea	\$8,529.57	\$7,250.00



 **NEW PRODUCT SPOTLIGHT**

10% Off Select Lab Companion Products

 **Lab Companion** One-stop shop for all your laboratory needs

Lab Companion is a one-stop shop for all your laboratory needs, offering a huge portfolio of everyday items found in the lab. It's worth checking them out for high quality general goods at a competitive price point.



www.jeiotech.com/eng/

Vortex Mixer with Standard Mixing Platform

- Low-profile with small footprint ideal for use on lab benches and within fume hoods or clean benches.
- On touch operation mode, real-time and dynamic mixing made even with gentle touch.
- Touch/continuous mixing modes
- Built-in safety features against overload and over current.
- Chemically resistant polypropylene moulded exterior.
- Wide range of accessories available.

**10%
OFF LIST**



Description	Code	Pack Size	List Price (excl GST)	Promo Price (excl GST)
Vortex Mixer with Standard Platform	AAH361215BK	Ea	\$595.00	\$535.50

Hot Plate Stirrer

An easy to use hot plate stirrer for general lab heating and stirring applications.

- Large stirring capacity - up to 20 litres of water
- Built in thermal shutdown and current limit protection.
- Integrated heater and top plate design provides exceptional heat transfer rate and quick heat-up times.

**10%
OFF LIST**



Description	Code	Pack Size	List Price (excl GST)	Promo Price (excl GST)
Hot Plate Stirrer	AAH34485K	Ea	\$1,195.00	\$1,075.50

Waving Shaker

- Colourful vacuum fluorescent display (VFD) with touch-sensitive keypad.
- One-touch timer for time-dependent shaking operation (1 min. to 99 hr. 59 min.)
- Compact and lightweight design allowing for use in cold rooms or incubators.
- Three types of removable tray options for easy transport of plates, test tubes, etc. (standard dimpled mat, optional rubber mat and universal harness)
- Variety of accessories available to meet application demands.

Comes with:

- Dimpled mat (tray & silicone pad as pictured)
- Rubber bands (2ea)



**10%
OFF LIST**



Waving

Description	Code	Pack Size	List Price (excl GST)	Promo Price (excl GST)
Waving Shaker with Dimpled Silicone Mat & Rubber Bands	AAH381115K	Ea	\$1,266.00	\$1,139.40

Rocking Shaker

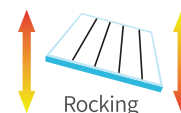
- Colourful vacuum fluorescent display (VFD) with touch-sensitive keypad.
- One-touch timer for time-dependent operation. (1 min. to 99 hr. 59 min.)
- Compact and lightweight design allowing for use in cold rooms or incubators.
- Three types of removable tray for easy transport of wellplates, test tubes, etc. (standard dimpled mat, and optional rubber mat and universal harness)
- Variety of accessories are available to meet application demands.

Comes with:

- Dimpled mate (tray & silicone pad as pictured)
- Rubber bands (2ea)



**10%
OFF LIST**



Rocking

Description	Code	Pack Size	List Price (excl GST)	Promo Price (excl GST)
Rocking Shaker with Dimpled Silicone, Mat & Rubber Bands	AAH391115K	Ea	\$1266.00	\$1,139.40

Heatblock CHB-350S

- Precision accuracy of $\pm 0.1^{\circ}\text{C}$ is ensured by PID controller from ambient + 5°C to 130°C .
- Built-in temperature limit setting feature (with max. 0.2°C overshooting) allows you to perform highly temp. sensitive reactions such as isothermal amplifications.
- Optimal heat transfer is achieved by the tight coupling design of the main body and the corrosion-resistant anodised aluminium blocks.
- Bright VFD display with responsive touch buttons.
- Advanced dual wait on/off timer modes.
 - User can set timer to starts immediately after the timer setting or only after reaching the set temperature.
- Transparent lid allows easy sample monitoring and even temperature distribution.
- Blocks can be easily interchanged with the block lifter (included).

**10%
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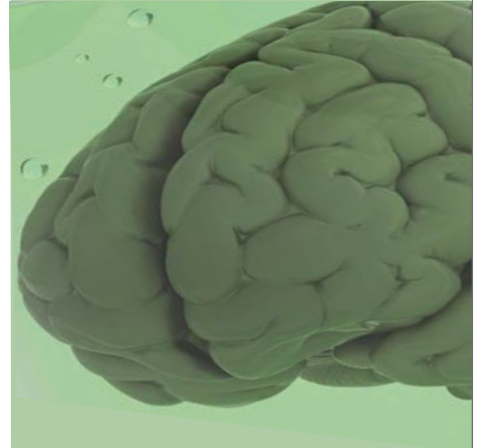


Description	Code	Pack Size	List Price (excl GST)	Promo Price (excl GST)
Heating Block – Base Unit with Low Lid	AAHJ1015K	Ea	\$1,350.00	\$1,215.00
1.5mL Blocks (30 Place)*	CHB0045	Ea	\$250.00	\$225.00

*Heating block is able to accommodate up to two 1.5mL blocks simultaneously

DNA & RNA Purification

Finding it difficult to isolate gDNA or RNA from your tricky samples?



Macherey-Nagel's Hard-to-Lyse Nucleospin® range has a proven track record of returning formidable yields from small sample sizes that are tough to work with.









These kits utilise two components to ensure easy extraction of high purity gDNA or RNA.

1. The NucleoSpin Bead range for efficient sample lysis.
2. Mini spin columns for isolation.

Interested?

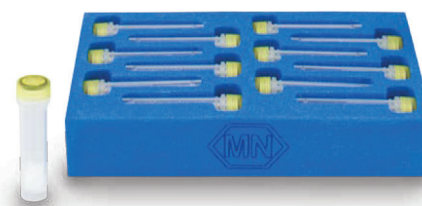
Start by choosing the kit you want from the table on the next page.

Once you've chosen your kit, take a look at the NucleoSpin Bead Selection guide below to ensure you pick the correct bead type for your hard to lyse sample.

	Product	Specification	To be used with	In conjunction with	Code
	NucleoSpin® Bead Tubes Type A	0.6-0.8mm ceramic beads, for homogenisation of soil, sediments, and stool	NucleoSpin® Soil, NucleoSpin® Stool, NucleoBond® RNA Soil, NucleoSpin® RNA Stool (included)	MN Bead Tube Holder or mixer mill*	MN740786.50
	NucleoSpin® Bead Tubes Type B	40-400µm glass beads, for homogenisation of Gram-positive and Gram-negative bacteria	NucleoSpin® Microbial (included)	MN Bead Tube Holder or mixer mill*	MN740812.50
	NucleoSpin® Bead Tubes Type C	1-3mm corundum, for homogenisation of yeast and fungi	NucleoSpin® Microbial (included)	MN Bead Tube Holder or mixer mill*	MN740813.50
	NucleoSpin® Bead Tubes Type D	3mm steel beads, for homogenisation of insects, crustaceans, lipid-rich tissue	NucleoSpin® DNA Insect, NucleoSpin® DNA Lipid Tissue (included)	MN Bead Tube Holder or mixer mill*	MN740814.50
	NucleoSpin® Bead Tubes Type E	3mm steel beads and 40-400 µm glass beads, for homogenisation of bacteria within insects or tissue samples	NucleoSpin® DNA Insect, NucleoSpin® DNA Lipid Tissue (optional)	MN Bead Tube Holder or mixer mill*	MN740815.50
	NucleoSpin® Bead Tubes Type F	1-3mm corundum and 3 mm steel beads, for homogenisation of challenging tissues, e.g., spleen, or lung tissue	NucleoSpin® DNA RapidLyse (optional)	MN Bead Tube Holder only!	MN740816.50
	NucleoSpin® Bead Tubes Type G	5mm steel beads, for homogenization of plant material	NucleoSpin® RNA Plant and Fungi (optional)	Mixer mill*	MN740817.50

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31%
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Use the MN Bead Tube Holder or any common disruption device to process the NucleoSpin® Bead Tubes.



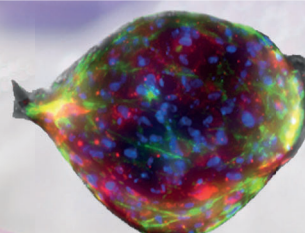
Hard-To-Lyse Kits

Description	Code	List Price (excl. GST)	Promo Price (excl. GST)	Discount %
RNA from Plant, Soil and Stool Samples				
MN740120.50	NucleoSpin RNA Plant and Fungi (50)	\$ 547.00	\$ 395.00	28%
MN740120.250	NucleoSpin® RNA Plant and Fungi (250)	\$2,000.00	\$1,626.00	19%
MN740140.20	NucleoBond® RNA Soil (20)	\$ 690.00	\$ 479.00	31%
MN740141.20	DNA Set for NucleoBond RNA Soil (20)	\$ 160.00	\$ 136.00	15%
MN740142.50	NucleoBond® RNA Soil Mini (50)	\$1,132.00	\$ 836.00	26%
MN740143.50	DNA Set for NucleoBond® RNA Soil Mini (50)	\$ 256.00	\$ 199.00	22%
MN740130.50	NucleoSpin® RNA Stool (50)	\$ 690.00	\$ 556.00	19%
DNA from Tissue and Cells				
MN740100.50	NucleoSpin® DNA RapidLyse (50)	\$ 230.00	\$ 177.00	23%
MN740100.250	NucleoSpin® DNA RapidLyse (250)	\$ 910.00	\$ 672.00	26%
DNA from Lipid Rich Tissue and Insects				
MN740471.50	NucleoSpin® DNA Lipid Tissue	\$ 256.00	\$ 206.00	20%
MN740470.50	NucleoSpin® DNA Insect	\$ 276.00	\$ 226.00	18%
DNA from Plant and Fungi				
MN740770.50	NucleoSpin® Plant II (50)	\$ 286.00	\$ 240.00	16%
MN740770.250	NucleoSpin® Plant II (250)	\$1,286.00	\$ 942.00	27%
DNA Microorganisms				
MN740235.50	NucleoSpin® Microbial DNA (50)	\$ 256.00	\$ 243.00	5%
DNA from Soil and Stool Samples				
MN740780.50	NucleoSpin® Soil (50)	\$ 440.00	\$ 340.00	23%
MN740780.250	NucleoSpin® Soil (250)	\$1,968.00	\$1,403.00	29%
MN740472.50	NucleoSpin® DNA Stool (50)	\$ 354.00	\$ 339.00	4%
MN740472.250	NucleoSpin® DNA Stool (250)	\$1,745.00	\$1,433.00	18%
MN744220.1	NucleoMag® DNA/RNA Water	\$ 660.00	\$ 485.00	27%
MN744220.4	NucleoMag® DNA/RNA Water	\$2,164.00	\$1,574.00	27%
DNA from Food and Feed				
MN740945.50	NucleoSpin® Food (50)	\$ 367.00	\$ 254.00	31%
MN740945.250	NucleoSpin® Food (250)	\$1,358.00	\$ 984.00	28%
MN744945.1	NucleoMag® DNA Food (1x96)	\$ 535.00	\$ 447.00	17%
MN744945.4	NucleoMag® DNA Food (4x96)	\$1,716.00	\$1,369.00	20%
Accessories				
MN740786.50	NucleoSpin® Bead Tubes Type A (50), 0.6–0.8 mm ceramic beads	\$ 160.00	\$ 144.00	10%
MN740799.50	NucleoSpin® Bead Tubes Type A 5 ml	\$ 120.00	\$ 111.00	7%
MN740812.50	NucleoSpin® Bead Tubes Type B (50), 40–400 µm glass beads	\$ 131.00	\$ 114.00	13%
MN740813.50	NucleoSpin® Bead Tubes Type C (50), 1–3 mm corundum	\$ 131.00	\$ 114.00	13%
MN740814.50	NucleoSpin® Bead Tubes Type D (50), 3 mm steel beads	\$ 160.00	\$ 144.00	10%
MN740815.50	NucleoSpin® Bead Tubes Type E (50), 40–400 µm glass beads + 3 mm steel beads	\$ 160.00	\$ 144.00	10%
MN740816.50	NucleoSpin® Bead Tubes Type F (50), 1–3 mm corundum + 3 mm steel bead	\$ 160.00	\$ 144.00	10%
MN740817.50	NucleoSpin® Bead Tubes Type G (50), 5mm steel beads	\$ 243.00	\$ 193.00	20%
MN740469	MN Bead Tube Holder (1)	\$ 58.00	\$ 40.00	31%
MN740459	MN Bead Tube Holder 5 mL	\$ 70.00	\$ 50.00	29%

If you need any help choosing the right kit and bead type, email info@mediray.co.nz and a product specialist will get in touch.

NEW PRODUCT SPOTLIGHT

3D Tissue Culture

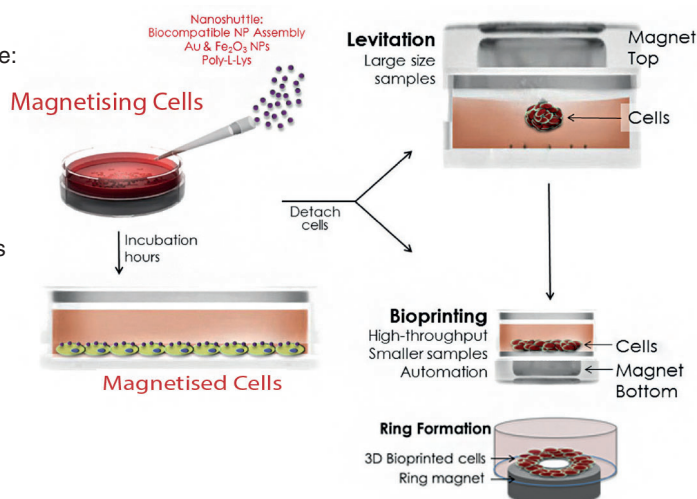


Greiner Bio-One Magnetic 3D Cell Culture

The core technology of Greiner Bio-One's Magnetic 3D Cell Culture is the magnetisation of cells with biocompatible NanoShuttle™-PL. The reproducible formation of one spheroid per well in an F-bottom plate with Cell-Repellent surface is forced by magnets either by levitation or bioprinting, to form structurally and biologically representative 3D models in-vitro

Advantages of the magnetic 3D cell culture (m3D) technology are:

- 3D in a 2D workflow
- Reproducible spheroid formation
- Scalable – 6 Well to 1536 Well
- Performed on a flat surface optimal for high-resolution microscopy and HTS
- Rapid 3D culture formation within 24 hours for most cell types
- No specialised equipment or media
- Easy media changes and co-culture of different cell types
- Compatible with fluorescence microscopy, Western blotting, qRT-PCR, Flow Cytometry, viability assays, chemiluminescence, etc.
- Ready for automation
- Biocompatible nanoparticles to magnetise cells



CELLSTAR® Serological Pipettes

Greiner Bio-One offers in its CELLSTAR® product line a wide range of different serological pipettes. The volume capacity of the pipettes is increased by a negative graduation. The pipettes are provided with colour codes according to international standards. The use of high-grade polystyrene guarantees maximum clarity. Expiry date and LOT number are printed on each single packaging unit. All pipettes are supplied with a filter for protection against the suction of liquid into the pipetting device.

Features

- Design of the sterile pipette tips guarantees a drop-free pipetting
- Maximum accuracy
- Clear, easily legible graduation
- A coloured vertical Schellbach stripe on 5, 10 and 25ml pipettes makes it considerably easier to read off the volume
- High optical clarity
- 1 ml, 2 ml, 5 ml, 10 ml, 25 ml and 50 ml pipettes available
- Obtainable as bulk packaging, paper/plastic packaging and plastic/plastic packaging

20% OFF LIST



Description	Code	Pack Size	List Price (excl GST)	Promo Price (excl GST)
Cellstar Serological Pipette 5ml Single	GR606180	200 (sterile, indiv wrapped)	\$ 80.50	\$64.40
Serological Pipette 10ml	GR607180	200 (sterile, indiv wrapped)	\$80.50	\$64.40
Cellstar Serological Pipette 25ml	GR760180	200 (sterile, indiv wrapped)	\$155.00	\$124.00
Cellstar Serological pipette 50 mL	GR768180	100 (sterile, indiv wrapped)	\$147.50	\$118.00