

making a difference



CONCISE LAB COMPANION


2023






GREINER BIO-ONE SOCIAL VALUE

- / We are an Accredited Living Wage Employer in the UK and support our employees through promoting flexible working
- / We offer Apprentice Development Programmes aimed at supporting younger employees under 25 start their career development
- / We support Local Businesses by aiming to purchase at least 85% of our non-stock items from local suppliers
- / We donate used laptops to local schools to help disadvantaged children access digital learning resources
- / We are a community partner of Forest Green Rovers, the 'world's greenest football club' and activity support their community projects.
- / We support 'The Family Haven' in Gloucester. This charity supports vulnerable and disadvantages families to a brighter future.
- / With our [Blue Plan](#) strategy we are committed to delivering a climate neutral future by ensuring that all our employees are prepared for future challenges.




We are a Living Wage Employer



Sustainable from within
blue plan

visit our
Blue Plan website



SUPPLIER'S DETAILS



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www.gbo.com for:

- Follow Us  @GreinerBioOneUK
- Follow Us  Greiner Bio-One Ltd
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- Product Details and Webshop
- F.A.Q.s
- Technical Information
- Knowledge Platforms
- Webinars
- Application Notes/Forums

SUSTAINABILITY AT GREINER



Blue Plan

Our strategy for a better tomorrow



making a difference



FOR FILTRATION OF CELL SUSPENSIONS AND PRIMARY CELL ISOLATES

EASYstrainer and **EASYstrainer SMALL**

Flexible, stackable and vented

For small tubes and reaction vessels
from 1.5 ml to 50 ml.

Mesh sizes of 20, 40, 70 and 100 μm .

SEE PAGE 18

www.gbo.com

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greiner
BIO-ONE

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CELL & TISSUE CULTURE

Adherent Cell Flasks



- Improved cell adhesion through physical surface treatment
- The special design of our cell culture flasks makes it possible to efficiently reach the cell lawn with a cell scraper, whilst still providing optimal access with a pipette
- The neck of the high profile flask reduces the risk of wetting the inside of the cap with medium, and thus provides additional protection against contamination
- Graduations on the side
- Stackable
- Sterile and user-friendly packaging

Standard Cap/ TC Treated/ Sterile

Item No.	Growth area	Volume	Special Feature	Case
690160	25 cm ²	50 ml	-	200
690170	25 cm ²	50 ml	gridded base	200
658170	75 cm ²	250 ml	-	120
660160	175 cm ²	550 ml	-	50
661160	182 cm ²	650 ml	high design*	40

* high design for increased volume

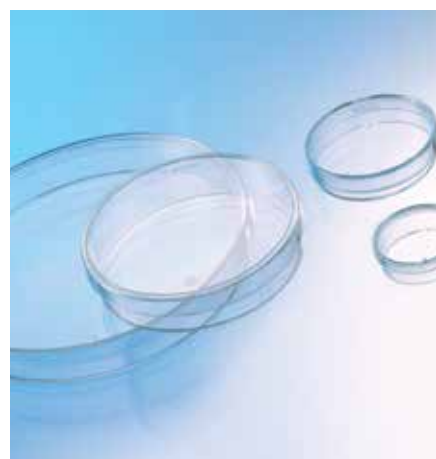


Filter Cap/ TC Treated/ Sterile

Item No.	Growth area	Volume	Special Feature	Case
690175	25 cm ²	50 ml	-	200
658175	75 cm ²	250 ml	-	120
660175	175 cm ²	550 ml	-	50
661175	182 cm ²	650 ml	high design*	40

* high design for increased volume

Adherent Cell Dishes



- For excellent analysis by microscopy
- Easy stacking
- With vents that ensure very good gas exchange
- Sterile and user-friendly packaging

TC Treated/ with Lid/ Sterile

Item No.	Diameter / Description	Growth area	Case
627160	35 mm	8.7 cm ²	740
627170	35 mm, 4 inner rings	93 mm ² (per well)	740
628160	60 mm	21 cm ²	600
639160	145 mm, 20 mm deep base	143 cm ²	120
664160	100 mm, 20 mm deep base	58 cm ²	360

Adherent Cell Multiwell Plates

FREE OF
detectable
DNaseFREE OF
detectable
RNaseFREE OF
detectable
human DNAnon-
pyrogenicnon-
cytotoxic

- Improved cell adhesion through physical surface treatment
- High clarity and low autofluorescence
- Lid enables gas exchange with the lowest possible evaporation
- Single position lids to prevent cross-contamination
- Alphanumeric well coding
- Compatible with automated systems
- Expiry date and Lot-No. printed on plate
- Stackable
- Black and white solid bottom microplates for sensitive fluorescence and luminescence measurements
- Uniform footprint, which conforms to the recommendation of the American National Standards Institute (ANSI)(ANSI/SBS 1-2004)

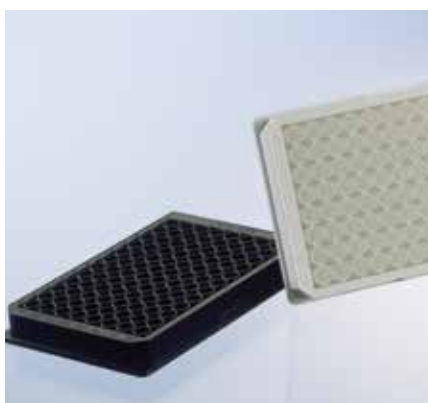


Clear/ with Lid/ Single-Wrap/ Sterile

Item No.	Description	Growth area	Case
670180	OneWell	95 cm ²	32
657160	6 well	9.6 cm ²	100
665180	12 well	3.9 cm ²	100
662160	24 well	1.9 cm ²	100

Clear/ with Lid/ Single-Wrap/ Sterile

Item No.	Description	Growth area per well	Case
677180	48 well	1 cm ²	100
650180	96 U well	35 mm ²	100
651180	96 V well	28 mm ²	100
655180	96 well	34 mm ²	100



Clear/ with Lid/ Sterile

Item No.	Description	Growth area per well	Case
781182	384 well	10 mm ²	32

96 Well/ TC Treated/ Sterile

Item No.	Colour	Lid	Growth area per well	Case
655079	black	-	34 mm ²	40
655073	white	-	34 mm ²	40
655083	white	+	34 mm ²	32
655086	black	+	34 mm ²	32



96 Well/ Half Area/ TC Treated/ Sterile

Item No.	Colour	Lid	Growth area per well	Case
675180	clear	+	15 mm ²	32
675083	white	+	15 mm ²	32
675086	black	+	15 mm ²	32



384 Well/ TC Treated/ Sterile

Item No.	Colour	Lid	Growth area per well	Case
781086	black	+	10 mm ²	32
781080	white	+	10 mm ²	32
781091	black, μ Clear [®] bottom	+	10 mm ²	32
781098	white, μ Clear [®] bottom	+	10 mm ²	32
781073	white	-	10 mm ²	40
781079	black	-	10 mm ²	40

ADVANCED TISSUE CULTURE

Advanced TC™

Improved cell adherence for fastidious and sensitive cells

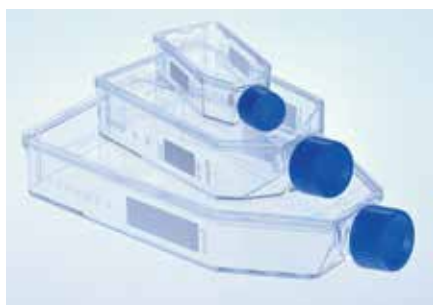
- Consistent cell attachment
- Homogenous cell growth
- In-vivo like morphology
- Increased cell yield
- Improved assay consistency
- Expiry date and Lot-No are printed on flask

Applications

- Cultivation of fastidious and sensitive cells
- Usage of serum-reduced or serum-free media
- Differentiation of semi-adherent cells
- Transfection
- Transduction

Advanced TC™ Flasks

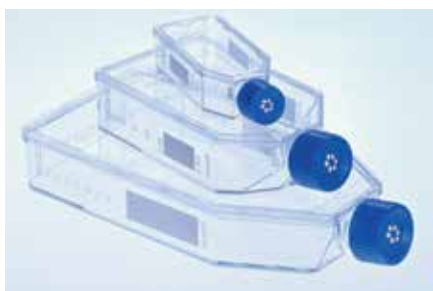
FREE OF detectable DNase	FREE OF detectable RNase	FREE OF detectable human DNA	non-pyrogenic	non-cytotoxic
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Standard Cap

Item No.	Growth area	Special Feature	Case
658970	75 cm ²	-	120
660960	175 cm ²	-	50
661960	175 cm ²	high design*	40

* high design for increased volume



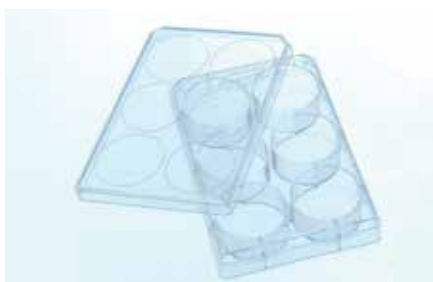
Filter Cap

Item No.	Growth area	Special Feature	Case
658975	75 cm ²	-	120
660975	175 cm ²	-	50
661975	175 cm ²	high design*	40

* high design for increased volume

Advanced TC™ Multiwell Plates

FREE OF detectable DNase	FREE OF detectable RNase	FREE OF detectable human DNA	non-pyrogenic	non-cytotoxic
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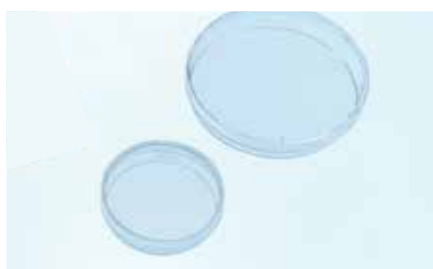
Clear/ with Lid

Item No.	Description	Lid	Growth area per well	Case
657960	6 well	+	9.6 cm ²	100
665980	12 well	+	3.9 cm ²	100
662960	24 well	+	1.9 cm ²	100
677980	48 well	+	1 cm ²	100
655980	96 well	+	34 mm ²	100

++ with condensation rings

Advanced TC™ Dishes

FREE OF detectable DNase	FREE OF detectable RNase	FREE OF detectable human DNA	non-pyrogenic	non-cytotoxic
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Clear/ with Vents

Item No.	Diameter / Description	Growth area	Case
627960	35 mm	6.7 cm ²	740
664960	100 mm	58 cm ²	360

SUSPENSION CELL PRODUCTS

Suspension Culture Flasks



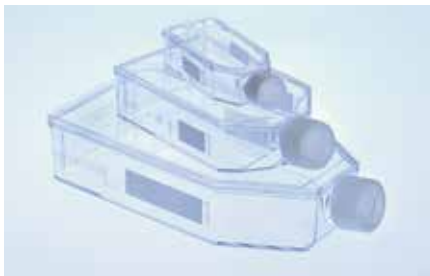
- Hydrophobic surface, ideal for suspension cultures and hybridoma
- Non-Pyrogenic, non-cytotoxic
- Graduations on the side
- Canted neck
- Easily distinguished by their white screw caps
- Expiry date and Lot-No are printed on bottom of flask



Standard Cap

Item No.	Total Volume	Special Feature	Case
690190	50 ml	-	200
658190	250 ml	-	120
660190	550 ml	-	50
661190	650 ml	high design*	40

* high design for increased volume



Filter Caps

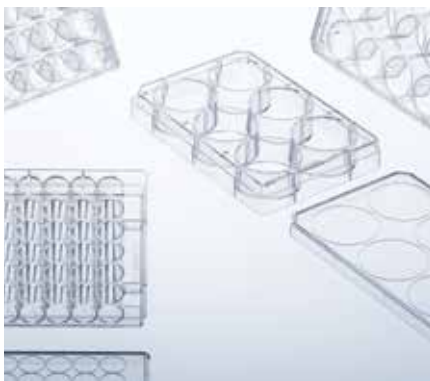
Item No.	Total Volume	Special Feature	Case
690195	50 ml	-	200
658195	250 ml	-	120
661195	650 ml	high design*	40

* high design for increased volume

Suspension Well Microplates



- High clarity and low autofluorescence
- Lid enables gas exchange with the lowest possible evaporation
- Single position lids to prevent cross-contamination
- Alphanumeric well coding
- Compatible with automated systems
- High clarity of the microplates for optimal microscopic examinations
- Stackable
- Have a uniform footprint, which conforms to the recommendation of the American National Standards Institute (ANSI) (ANSI/SBS 1-2004)



Clear/ with Lid/ Sterile

Item No.	Description	Lid	Volume per well	Case
657185	6 well	+	16 ml	100
665102	12 well	+	6.5 ml	100
662102	24 well	+	3.3 ml	100
677102	48 well	+	1.7 ml	100
655185	96 well	+	340 µl	60
650185	96 U well	+	280 µl	60

+* with condensation rings

CELL REPELLENT TREATED PRODUCTS

Cell Repellent Surfaces

The CELLSTAR® cell-repellent surface from Greiner Bio-One effectively prevents cell adhesion.

Characterised by low cell attachment, the cell-repellent surface is ideal for applications such as:

- Spheroid cultures and stem cell aggregate formation
- Suspension culture of semi-adherent and adherent cells (e.g. for suspension culture of macrophages)
- Gel-based 3D cultures
- Magnetic 3D cell culturing

Achieved through an innovative chemical polymer modification, Greiner Bio-One's cell-repellent surface does not degrade or leach under common cell culture conditions, rendering an ideal substrate for native cell culture experiments.



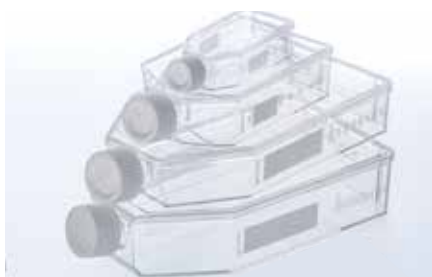
Cell Repellent Flasks



Standard Cap

Item No.	Total Volume	Special Feature	Case
690980	25 cm ²	-	20
658980	75 cm ²	-	15
660980	175 cm ²	-	5
661980	175 cm ²	high design*	4

* high design for increased volume

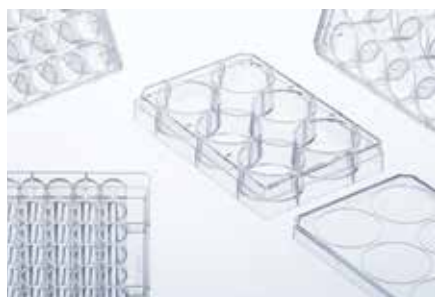


Filter Cap

Item No.	Total Volume	Special Feature	Case
690985	25 cm ²	-	20
658985	75 cm ²	-	15
660985	175 cm ²	-	5
661985	175 cm ²	high design*	4

* high design for increased volume

Cell Repellent Microplates



Clear/ with Lid/ Sterile

Item No.	Description / Design	Lid	Volume per well	Case
657970	6 well, flat bottom	+	16.1 ml	5
662970	24 well, flat bottom	+	3.3 ml	5
650970	96 well, U bottom	+	323 µl	6
650979	96 well, U bottom	+	323 µl	32
651970	96 well, V bottom	+	234 µl	6
655970	96 well, flat bottom, chimney well	+	392 µl	6

Cell Repellent Dishes



Lidded/ Sterile

Item No.	Diameter	Total Volume	Case
627979	35 mm	10 ml	40
628979	60 mm	28 ml	20
664970	100 mm	100 ml	5

CELLCOAT® PRODUCTS

Poly-L-Lysine (PLL)
Poly-D-Lysine (PDL)
Collagen Type 1

CELLCOAT products are cell culture vessels coated with proteins that improve the adhesion of different cell types to polystyrene surfaces.

Advantages:

- Increase in isolation and cultivation efficiency
- Ready-to-use products: immediate use, time-saving
- Consistent quality
- Storable at room temperature

FREE OF
detectable
DNase

FREE OF
detectable
RNase

FREE OF
detectable
human DNA

non-
pyrogenic

non-
cytotoxic

CELLCOAT® Poly-L-Lysine Coated Products



Microplates

Item No.	Description / Design	Lid	Volume per well	Case
662930	24 well, solid bottom	+	3.3 ml	50
655930	96 well, solid bottom	+	323 µl	20



Dishes

Item No.	Description / Design	Lid	Working volume	Case
628930	60 ml dish	+	17 ml	100

CELLCOAT® Poly-D-Lysine Coated Products

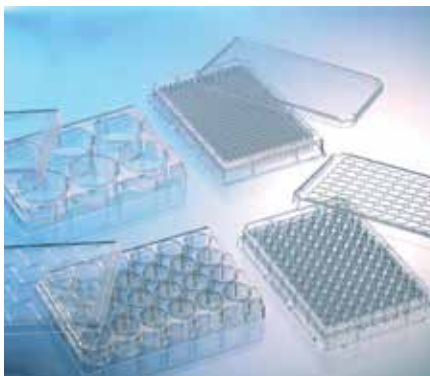


Flasks/ with Filter Caps

Item No.	Total Volume	Case
690940	50 ml	50
658940	250 ml	50
661940	650 ml	40

Dishes

Item No.	Description	Lid	Working volume	Case
664940	100 ml	+	16 – 17 ml	40



Microplates

Item No.	Description	Colour / Base	Lid	Volume per well	Case
657940	6 well	clear / solid	+	16.1 ml	50
662940	24 well	clear / solid	+	3.3 ml	50
655940	96 well	clear / solid	+	392 µl	20
655945	96 well	white / solid	+	392 µl	20
655944	96 well	white / µClear®	+	392 µl	20
655946	96 well	black / µClear®	+	392 µl	20

CELLCOAT® Collagen Type 1 Coated Products

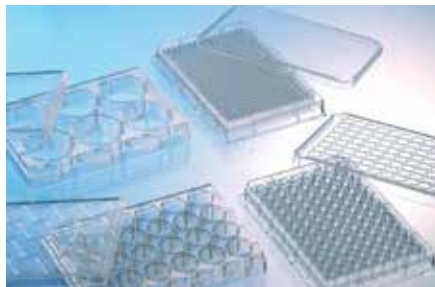


Flasks/ with Filter Caps

Item No.	Total Volume	Case
690950	50 ml	50
658950	250 ml	50
661950	650 ml	40

Dishes

Item No.	Diameter	Lid	Working volume	Case
628950	60 mm	+	6 – 7 ml	100
664950	100 mm	+	16 – 17 ml	40



Microplates

Item No.	Description	Colour / Base	Lid	Volume per well	Case
657950	6 well	clear / solid	+	16.1 ml	50
662950	24 well	clear / solid	+	3.3 ml	50
655950	96 well	clear / solid	+	392 µl	20
655956	96 well	black / µClear®	+	392 µl	20

Fibronectin, Laminin & Streptavidin Coated products are also available on request.

CELLdisc™

FREE OF detectable DNase	FREE OF detectable RNase	FREE OF detectable human DNA	non-pyrogenic	non-cytotoxic
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CELLdisc™ is a new multilayer device covering a range of cell culture surfaces from 1,000 cm² up to 1 square meter. The innovative ergonomic design of CELLdisc™ provides a versatile system for the propagation of adherent mammalian cells from research scale to industrial batches.

- Compact multi-layer cell culture device for basic research and industrial production
- Different sizes available: 4, 8, 16 or 40 layers
- Surface treatments (TC, Advanced TC™) available for ideal cell attachment
- Wide opening port for optimal accessibility and filling of the device
- Central gas support channel to assist the permanent ventilation of each unit

TC Treated CELLdisc™/ Sterile

Item No.	No. of layers	Screw cap colour	Working volume	Case
678104	4	red	280 ml	4
678108	8	red	560 ml	3
678116	16	red	1020 ml	2
678140	40	red	2800 ml	1

Advanced TC™ Treated/ Sterile

Item No.	No. of layers	Screw cap colour	Working volume	Case
678904	4	blue	280 ml	4
678908	8	blue	560 ml	3
678916	16	blue	1020 ml	2
678940	40	blue	2800 ml	1

CLEAN ROOM PRODUCTS

Triple-packed products are used where the sterile transfer of products is essential. With single packaging, contamination adhering to the outside of the bag can be carried into clean room areas. Therefore, all single packed materials must be wiped clean with 70% alcohol or other disinfectant. Triple-

packed products eliminate the need for such cleaning procedures, prevent contamination from reaching high, sensitive production areas, simplify handling and reduce processing time. Greiner Bio-One triple-packed products are packed in three individual peel bags. The inner bag is labelled with

the relevant product information, LOT number and expiry date. The peel bags are increasing in size, to prevent double weld seams and damage of the next inner bag during handling. To guarantee maximal sterility all Greiner Bio-One triple-packed products are sterilised with a SAL of 10^{-6} .

CRYO.S™ Triple-Packed



FREE OF detectable DNase

FREE OF detectable RNase

FREE OF detectable human DNA



1 and 2 ml/ Sterile

Item No.	Description	Working Volume	Base	Thread type	Case
122263-TRI	2 ml Cryo™	up to 2.0 ml	round	internal	200

Triple-Packed CELLSTAR® Polypropylene Tubes



15 and 50 ml/ Sterile

FREE OF detectable DNase

FREE OF detectable RNase

FREE OF detectable human DNA



Item No.	Description	Working Volume	Base	Case
188271-TRI	15 ml tube	14 ml	conical	500
227261-TRI	50 ml tube	50 ml	conical	250

Triple-Packed Serological Pipettes



Single-Wrap/ Sterile

FREE OF detectable DNase

FREE OF detectable RNase

FREE OF detectable human DNA



Item No.	Size	Packaging	Case
604160 - TRI	1 ml	plastic/plastic wrapping	100
710160 - TRI	2 ml	plastic/plastic wrapping	100
606160 - TRI	5 ml	plastic/plastic wrapping	100
607160 - TRI	10 ml	plastic/plastic wrapping	100
760160 - TRI	25 ml	plastic/plastic wrapping	100
710183 - TRI	2 ml	aspiration short form, paper/plastic wrap	100

Triple-Packed Cell Culture Dishes



Cell Culture Dish/ Vented/ TC Treated

FREE OF detectable DNase

FREE OF detectable RNase

FREE OF detectable human DNA



Item No.	Description	Lid	Working volume	Case
628160-TRI	60 ml	+	6 - 7 ml	300
664160-TRI	100 ml	+	16 - 17 ml	180
639160-TRI	145 ml	+	25 - 27 ml	120

Triple-Packed Cell Culture Flasks

FREE OF detectable DNase	FREE OF detectable RNase	FREE OF detectable human DNA	non-pyrogenic	non-cytotoxic
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Standard Cap/ TC Treated/ Sterile

Item No.	Growth area	Volume	Case
690160-TRI	25 cm ²	50 ml	130
658170-TRI	25 cm ²	250 ml	90
660160-TRI	175 cm ²	550 ml	40

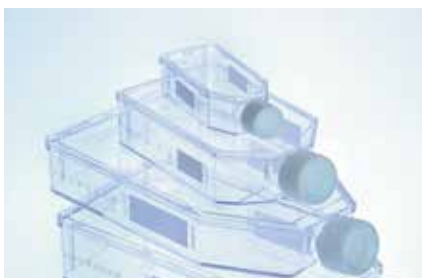


Filter Cap/ TC Treated/ Sterile

Item No.	Growth area	Volume	Case
690175-TRI	25 cm ²	50 ml	130
658175-TRI	75 cm ²	250 ml	90
660175-TRI	175 cm ²	550 ml	40

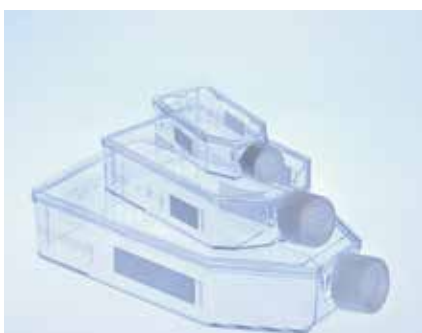
Triple-Packed Suspension Culture Flasks

FREE OF detectable DNase	FREE OF detectable RNase	FREE OF detectable human DNA	non-pyrogenic	non-cytotoxic
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Suspension Culture Treated/ Standard Cap/ Sterile

Item No.	Volume	Case
690190-TRI	50 ml	130
658190-TRI	250 ml	90
660190-TRI	550 ml	40



Suspension Culture Treated/ Filter Cap/ Sterile

Item No.	Volume	Case
690195-TRI	50 ml	130
658195-TRI	250 ml	90
661195-TRI	650 ml	28

MICROSCOPY PRODUCTS

CELLview™ Slides



- 10 wells with alphanumeric coding
- Glass base
- Detachable black compartmentalisation
- 96 well microtiter plate design
- Reduced meniscus effect
- Positioning notch for automated microscopy

Glass Bottom Slide

Item No.	Dimensions (mm)	Surface treatment	Growth area per well	Case
543079	75 x 25 x 12.6	TC	32 mm ²	45
543979	75 x 25 x 12.6	Advanced TC™	32 mm ²	45

CELLview™ Dishes



- High transparent achromatic borosilicate glass; hydrolytic class 1 (DIN ISO 719)
- Glass thickness 175 µm +/- 15 µm
- Maximal spectral transmission; no auto-fluorescence
- Subdivided version enables simultaneous multiplex analysis
- Embedded glass bottom for maximal planarity

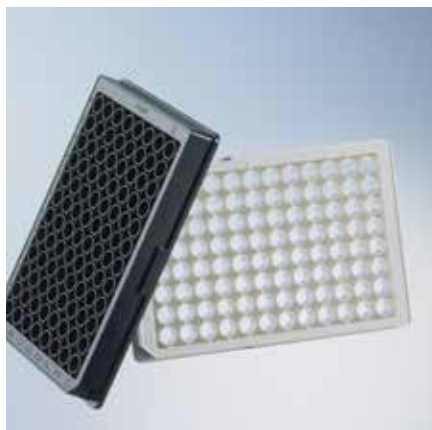
CELLview™ Glass Bottom Dish

Item No.	Dimensions (mm)	Surface treatment	Growth area	Case
627860	35 x 10	TC	8.7 cm ²	40
627965	35 x 10	Advanced TC™	8.7 cm ²	40
627861	35 x 10	No treatment	8.7 cm ²	40

CELLview™ Glass Bottom Dish/ 4 Compartments

Item No.	Dimensions (mm)	Surface treatment	Growth area	Case
627870	35 x 10	TC	8.7 cm ²	40
627975	35 x 10	Advanced TC™	8.7 cm ²	40
627871	35 x 10	No treatment	8.7 cm ²	40

Clear Bottom 96 Well Microplates



- Compatible with automated systems
- Alphanumeric well coding
- High clarity of the microplates for optimal microscopic examinations
- Stackable
- Have a uniform footprint, which conforms to the recommendation of the American National Standards Institute (ANSI)
- µClear® bottom - foil thickness 190 µm +/- 10%

96 Well/ µClear® Bottom/ TC Treated

Item No.	Description / Design	Colour	Lid	Volume per well	Case
655087	Flat bottom, chimney well	black	-	25 - 340 µl	40
655088	Flat bottom, chimney well	white	-	25 - 340 µl	40
655090	Flat bottom, chimney well	black	+	25 - 340 µl	32
655098	Flat bottom, chimney well	white	+	25 - 340 µl	32

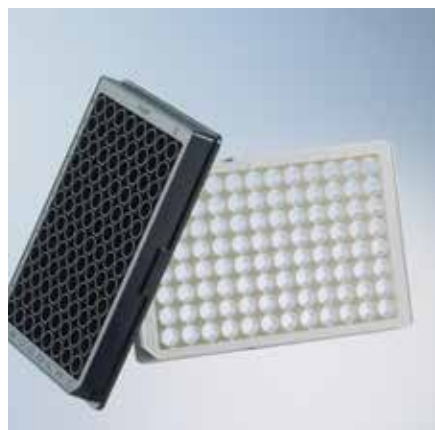
96 Well/ µClear® Bottom/ Advanced TC™ Treated

Item No.	Description / Design	Colour	Lid	Volume per well	Case
655983	Flat bottom, chimney well	white	+	25 - 340 µl	32
655986	Flat bottom, chimney well	black	+	25 - 340 µl	32

96 Well/ µClear® Bottom/ Cell Repellent Surface

Item No.	Description / Design	Colour	Lid	Volume per well	Case
655976	Flat bottom, chimney well	black	+	25 - 340 µl	32

Clear Bottom Medium / High Binding 96 Well Microplates



- Compatible with automated systems
- Alphanumeric well coding
- High clarity of the microplates for optimal microscopic examinations
- Stackable
- Have a uniform footprint, which conforms to the recommendation of the American National Standards Institute (ANSI)
- μ Clear® bottom - foil thickness 190 μ m +/- 10%

96 Well/ μ Clear® Bottom/ Medium Binding

Item No.	Description / Design	Colour	Lid	Volume per well	Case
655095	Flat bottom, chimney well	white	-	25 - 340 μ l	40
655096	Flat bottom, chimney well	black	-	25 - 340 μ l	40

96 Well/ μ Clear® Bottom/ High Binding

Item No.	Description / Design	Colour	Lid	Volume per well	Case
655094	Flat bottom, chimney well	white	-	25 - 340 μ l	40
655097	Flat bottom, chimney well	black	-	25 - 340 μ l	40

SensoPlate™ Glass Bottom Microplates



- In addition to fluorescence correlation spectroscopy, microscopic applications such as confocal microscopy are a potential area of application
- Consist of an optically clear borosilicate glass bottom with a light path of 175 +/- 15 μ m and a black polystyrene frame
- The glass bottom allows transmission measurements in the wavelength range above 350nm

Microplates with Glass Bottom/ Sterile

Item No.	Description / Design	Colour	Lid	Case
662892	24 well plate	black	+	12
655892	96 well plate	black	+	16
655896	96 well plate	black	-	16

ThinCert™ Plates



Deep Well Microplates/ with Lid

Item No.	No. of wells	Total volume	Working volume	Case
657110	6	30 ml	20 ml	50
665110	12	10 ml	4 ml	60

See ThinCert™ Cell Culture Inserts on Page 16 >

ThinCert™ CELL CULTURE INSERTS

- Stable clear polystyrene housing
- Hanging geometry
- Sealed PET capillary pore membrane
- Single, sterile blister packing
- Simplified pipetting due to self-lift geometry



FREE OF detectable DNase FREE OF detectable RNase FREE OF detectable human DNA non-pyrogenic non-cytotoxic

Recommended Applications

	6 Well					12 Well					24 Well							
	657610	657630	657631	657638	657640	657641	665610	665630	665631	665638	665640	665641	662610	662630	662631	662638	662640	662641
Light microscopy	✓	✓		✓		✓	✓	✓		✓		✓	✓	✓		✓		✓
Electron microscopy	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fluorescence microscopy	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Immunocytochemistry	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Trans epithelial electric resistance (TEER)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Transport/diffusion/secretion of small molecules	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	
Transport/diffusion/secretion of large molecules (e.g. macromolecules viruses)		✓	✓	✓				✓	✓	✓			✓	✓	✓			
Migration/chemotaxis/metastasion		✓	✓	✓				✓	✓	✓			✓	✓	✓			
Co-cultivation	✓				✓	✓	✓				✓	✓	✓				✓	✓
Cell retention/cell barrier function	✓				✓	✓	✓				✓	✓	✓				✓	✓

6 Well ThinCert™

Working Volume per well: 2.0 ml - 4.15 ml
 Working volume per Thincert: 1.0 ml - 3.6 ml
 Culture surface: 452.4 mm²

Packaging:

4 Multiwell plates per box,
 24 ThinCert™ inserts per case

Item No.	Pore density/ cm ²	Pore diameter	Optical membrane properties	Case
657610	2 x 10 ⁶	1 µm	Transparent	24
657630	0.6 x 10 ⁶	3 µm	Transparent	24
657631	2 x 10 ⁶	3 µm	Translucent	24
657638	0.15 x 10 ⁶	8 µm	Translucent	24
657640	1 x 10 ⁸	0.4 µm	Translucent	24
657641	2 x 10 ⁶	0.4 µm	Transparent	24

12 Well ThinCert™

Working Volume Well: 1.0 ml - 2.0 ml
 Working volume Thincert: 0.3 ml - 1.0 ml
 Culture surface: 113.1 mm²

Packaging:

4 Multiwell plates per box,
 48 ThinCert™ inserts per case

Item No.	Pore density/ cm ²	Pore diameter	Optical membrane properties	Case
665610	2 x 10 ⁶	1 µm	Transparent	48
665630	0.6 x 10 ⁶	3 µm	Transparent	48
665631	2 x 10 ⁶	3 µm	Translucent	48
665638	0.15 x 10 ⁶	8 µm	Translucent	48
665640	1 x 10 ⁸	0.4 µm	Translucent	48
665641	2 x 10 ⁶	0.4 µm	Transparent	48

24 Well ThinCert™

Working Volume Well: 0.4 ml - 1.2 ml
 Working volume Thincert: 0.1 ml - 0.35 ml
 Culture surface: 33.6 mm²

Packaging:

4 Multiwell plates per box,
 48 ThinCert™ inserts per case

Item No.	Pore density/ cm ²	Pore diameter	Optical membrane properties	Case
662610	2 x 10 ⁶	1 µm	Transparent	48
662630	0.6 x 10 ⁶	3 µm	Transparent	48
662631	2 x 10 ⁶	3 µm	Translucent	48
662638	0.15 x 10 ⁶	8 µm	Translucent	48
662640	1 x 10 ⁸	0.4 µm	Translucent	48
662641	2 x 10 ⁶	0.4 µm	Transparent	48

See ThinCert™ Deep-well plates on Page 15

Tissue Culture Tubes



TC Treated/ Polystyrene

Item No.	Description	Case
163160	12 ml, screw cap	1000
164160	12 ml, skirted, bayonet cap	1000

EASYstrainer Cell Strainers

FREE OF detectable DNase	FREE OF detectable RNase	FREE OF detectable human DNA	non-pyrogenic	non-cytotoxic
--------------------------	--------------------------	------------------------------	---------------	---------------



- EASYstrainer SMALL fits tubes from 1.5 to 15 ml
- EASYstrainer fits all standard 50 ml tubes
- Stackable
- Venting slot for fast filtration
- No liquid overspill
- Convenient blister pack

Item No.	Description	Mesh size	Colour	Case
542120	EASYstrainer SMALL	20 µm	red	50
542140	EASYstrainer SMALL	40 µm	green	50
542170	EASYstrainer SMALL	70 µm	blue	50
542100	EASYstrainer SMALL	100 µm	yellow	50
542040	EASYstrainer	40 µm	green	50
542070	EASYstrainer	70 µm	blue	50
542000	EASYstrainer	100 µm	yellow	50

Tissue Culture Cell Scrapers



Blade Length 1.8 cm

Item No.	Description	Case
541070	28 cm length	100
541080	40 cm length	100

Leucosep™ Tubes with Porous Barrier

non-pyrogenic	non-cytotoxic
---------------	---------------



- Efficient separation of lymphocytes and mononuclear cells from peripheral blood and bone marrow
- **Features:**
 - Enrichment directly from whole blood
 - Simplified filling through porous barrier (does away with the time-consuming and laborious overlaying of the sample material)
 - Rapid separation in 15 minutes at room temperature

12 and 50 ml Tubes/ with or without Separation Medium

Item No.	Description	Case
163290	12 ml tube	50
163288	12 ml tube with separation medium	50
227290	50 ml tube	25
227288	50 ml tube with separation medium	25

Tissue Culture Roller Bottles

FREE OF detectable DNase	FREE OF detectable RNase	FREE OF detectable human DNA	non-pyrogenic	non-cytotoxic
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- Made of highly transparent polystyrene or PET
- Certified USP Class VI end product testing
- Expiry date and lot number on each roller bottle
- Filter cap with 0.2 µm membrane



Polystyrene/ TC Treated/ Standard Cap/ Sterile

Item No.	Description	Growth area	Surface	Case
680660	850 cm ²	1X	smooth	24
680665	850 cm ²	1X	smooth	24
681670	2125 cm ² , with expanded surface	2.5 X	ribbed	24

Polystyrene/ TC Treated/ Filter Cap/ Sterile

Item No.	Description	Growth area	Surface	Case
680658	850 cm ² (packed in 2s)	1X	smooth	24
680668	850 cm ²	1X	smooth	24
681672	2125 cm ² , with expanded surface	2.5 X	ribbed	24



PET/ Standard Cap/ Sterile

Item No.	Description	Growth area	Surface	Case
680190	850 cm ²	1X	smooth	18
680195	850 cm ²	1X	smooth	30

Media Bottles



PET/ Sterile

Item No.	Description	Case
951700	100 ml	100
950700	500 ml	50
952700	1000 ml	24

CELLreactor™ Tubes

FREE OF detectable DNase	FREE OF detectable RNase	FREE OF detectable human DNA	non-pyrogenic	non-cytotoxic
--------------------------	--------------------------	------------------------------	---------------	---------------



- For cultivation of suspension cells and expansion of aerobic microorganisms
- Facilitates a high number of parallel experiments
- Maximal sterility and excellent gas exchange
- Conical tube design and in-tube harvest
- Flexible working volume
- Graduation and labelling field

15 and 50 ml Tubes/ Filter Cap/ Sterile

Item No.	Description	Case
188241	15 ml tube with filter cap, sterile	500
227245	50 ml tube with filter cap, sterile	500

TUBES & CONTAINERS

CELLSTAR® 15 & 50 ml Polypropylene (Centrifuge) Tubes



- Polypropylene displays high thermal, mechanical and chemical resistance. It is therefore recommended for the storage of chemical and biological samples
- With blue graduations and white writing area
- A certificate of conformity included with product
- Centrifugation, max. RCF 15,000 x g in fixed angle rotor 188261 / 188271 only
- Centrifugation, max. RCF 17,000 x g in fixed angle rotor 227261-N / 227270-N only

Transportation by aircraft

Polypropylene tubes with Cat.-No. 188261-N / 188271-N / 227261-N / 227270-N meet the pressure requirements for transportation by aircraft. Hydrostatic pressure testing was performed according to the ICAO. IATA DGR guidelines.

15 ml Centrifuge Tubes/ Graduated/ Sterile

Item No.	Description	Working Volume	Base	Packing	Case
188261-N	Ø 17 mm x height 120 mm	14 ml	conical	racked	500
188271-N	Ø 17 mm x height 120 mm	14 ml	conical	bagged	1000

50 ml Centrifuge Tubes/ Graduated/ Sterile

Item No.	Description	Working Volume	Base	Packing	Case
227261-N	Ø 30 mm x height 115 mm	50 ml	conical	bagged	500
227270-N	Ø 30 mm x height 115 mm	50 ml	conical	racked	250

50 ml Centrifuge Tubes/ with Support Skirt/ Sterile

Item No.	Description	Working Volume	Base	Packing	Case
210261	Ø 30 mm x height 115 mm	50 ml	conical*	bagged	450
210270	Ø 30 mm x height 115 mm	50 ml	conical*	racked	300

* with support skirt

CELLSTAR® 15 and 50 ml Light Protection Tubes



- Light impermeable
- Suitable for light-sensitive materials and reactions
- Polypropylene



15 ml Tubes/ Sterile

Item No.	Description	Working Volume	Base	Packing	Case
188283	Ø 17 mm x height 120 mm	14 ml	conical	racked	50

50 ml Tubes/ Sterile

Item No.	Description	Working Volume	Base	Packing	Case
227283	Ø 30 mm x height 115 mm	50 ml	conical	racked	25

Flip Top Tubes

- High chemical and temperature resistance
- With attached cap

Flip Top Tubes



Item No.	Description	Case
667201	0.5 ml, no graduations	5000
616201	1.5 ml, graduated	4000
616261	1.5 ml, graduated, sterile	4000
623201	2.0 ml, graduated	4000
622201	5 ml, graduated	200

Microcentrifuge Tubes



with fitted Screw Caps

Item No.	Description	Case
692261	0.5 ml, white cap, sterile	500
716261	1.5 ml, white cap, sterile	500
717261	1.5 ml, with skirt, white cap, sterile	500
722261	2.0 ml, with skirt, white cap, sterile	500
723261	2.0 ml, white cap, sterile	500
725201	5.0 ml, blue cap, non-sterile	500

Biotubes



without Caps/ Non-Sterile

Item No.	Description	Case
692201	Biotube, 0.5 ml	500
693201	Biotube, 0.5 ml, with skirt	500
716201	Biotube, 1.5 ml	500
717201	Biotube, 1.5 ml, with skirt	500
722201	Biotube, 2.0 ml, with skirt	500
723201	Biotube, 2.0 ml	500

Screw Caps for Biotubes



Multi Colours/ Tethered & Non-Tethered

Item No.	Description	Case
366350	Natural, tethered	500
366352	Orange, tethered	500
366355	Green tethered	500
366356	Yellow, tethered	500
366380	Natural, non-tethered	500
366381	White, non-tethered	500
366383	Red, non-tethered	500
366384	Blue, non-tethered	500
366385	Green, non-tethered	500
366386	Yellow, non-tethered	500



Racks

Quatorrack/ Natural colour

Item No.	Description	Tube positions	Pack
999251	QuatroRack 4	4	1
999281	QuatroRack 8	8	1

Handyrack/ Natural colour

Item No.	Description	Tube positions	Pack
999231	HandyRack 64, reversible,	64	1
999291	HandyRack 80	80	1
999201	HandyRack 96	96	1

Lids/ Natural colour

Item No.	Description	Tube positions	Pack
999209	Lid for HandyRack 96	-	1

Round Bottom Tubes



Polystyrene

Item No.	Description	Case
112101	4 ml, 12 x 55 mm	3600
115101	5 ml, 12 x 75 mm	2000
136101	10 ml, 14 x 100 mm	1400
160101	12 ml, 16 x 100 mm	1600
187101	14 ml, 17 x 100 mm	1500
120161	4.5 ml, 12.4 x 75 mm, vent cap, single wrap, sterile	1000
120180	4.5 ml, 12.4 x 75 mm, vent cap, 25/bag, sterile	2000
191161	14 ml, 18 x 95 mm, vent cap, single wrap, sterile	750
191180	14 ml, 18 x 95 mm, vent cap, 25/bag, sterile	1000

Polypropylene

Item No.	Description	Case
112201	4 ml, 12 x 55 mm	3600
115201	5 ml, 12 x 75 mm	2000
115261	5 ml, 12 x 75 mm, sterile	1000
160201	12 ml, 16 x 100 mm	1600
115262	5 ml, 12 x 75 mm, vent cap, 25/bag, sterile	2000
187261	14 ml, 18 x 95 mm, vent cap, single wrap, sterile	800
187262	14 ml, 18 x 95 mm, vent cap, 25/bag, sterile	1000

Multi Purpose Containers



Polystyrene

Item No.	Description	Case
189170	7 ml Bijou, no label	700
189171	7 ml Bijou, no label, sterile	700
189175	7 ml Bijou, plain label	700
189176	7 ml Bijou, plain label, sterile	700
201150	30 ml Universal, no label	400
201151	30 ml Universal, printed label	400
201152	30 ml Universal, plain label	400
201170	30 ml Universal, no label, sterile	400
201171	30 ml Universal, printed label, sterile	400
201172	30 ml Universal, plain label, sterile	400
201180	30 ml Universal, with boric acid, red cap	400
443103	30 ml Faeces, printed label, attached spoon	400
219102	60 ml, metal cap, no label	300
219161	60 ml, plastic cap, no label, sterile	300
219175	60 ml, plastic cap, plain label	300
219180	60 ml, printed label, plastic cap	300
224170	100 ml, metal cap, no label	160
224185	100 ml, metal cap, printed label	160
225161	150 ml, metal cap, no label, sterile	120
225170	150 ml, metal cap, no label	120
225180	150 ml, metal cap, plain label	120
225185	150 ml, metal cap, printed label	120
229170	250 ml, metal cap, no label	48
229180	250 ml, metal cap, plain label	48
229181	250 ml, metal cap, plain label, sterile	48

Polypropylene

Item No.	Description	Case
201250	30 ml Universal, no label	400
201252	30 ml Universal, plain label	400
219270	60 ml, plastic cap, no label	300
219290	60 ml, metal cap, printed label	300

Cuvettes



Item No.	Description	Case
613101	3 ml semi-micro	1000
614101	4 ml macro	1000

MICROBIOLOGY PRODUCTS

Sterile Petri Dishes



Vented and Non-Vented/
Sterile

Item No.	Diameter (mm)	Vents	Depth (mm)	Case
627161	35	✓	10	740
628161	60	✓	15	600
632161	94	×	16	480
632181	94	×	16	480
633161	94	✓	16	480
633181	94	✓	16	480
664161	100	✓	20	360
639161	145	✓	20	120

2 Compartments

Item No.	Diameter (mm)	Vents	Depth (mm)	Case
635161	94	✓	15	480

Square

Item No.	Size (mm)	Vents	Depth (mm)	Case
688161	120 x 120	✓	17	240

Petri Dishes



Vented and Non-Vented/
Non-Sterile

Item No.	Diameter (mm)	Vents	Depth (mm)	Case
627102	35	✓	10	740
628102	55	✓	15	600
632102	94	×	16	480
632180	94	×	16	480
633102	94	✓	16	480
633180	94	✓	16	480
664102	100	✓	20	360
639102	145	✓	20	120

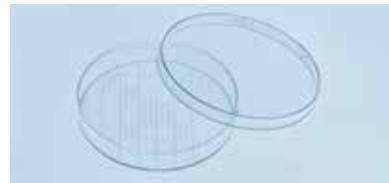
2 Compartments

Item No.	Diameter (mm)	Vents	Depth (mm)	Case
635102	94	✓	15	480

Square

Item No.	Size (mm)	Vents	Depth (mm)	Case
688102	120 x 120	✓	17	240

Contact Dish



Vented

Item No.	Diameter (mm)	Vents	Depth (mm)	Case
629180	65	✓	15	600

Other Plates

Item No.	Description	Case
670190	OneWell Plate™, with lid, sterile	32
96077307	FourWell Plate™	32
657102	35 mm macroplate, 6 wells	100

Spreaders

Item No.	Description	Case
730190	L shaped, 20/bag, sterile	500
730191	L shaped, 5/bag, sterile	500
730192	L shaped, single wrap, sterile	250

Inoculation Loops

Item No.	Description	Case
731101	1 µl, 50/bag, sterile	2000
731161	1 µl, single wrap, sterile	600
731165	1 µl, 10/bag, sterile	3000
731170	10 µl, 50/bag, sterile	2000
731171	10 µl, single wrap, sterile	600
731175	10 µl, 10/bag, sterile	3000

Inoculation Needles

Item No.	Description	Case
731180	200 mm, yellow, 50/bag, sterile	2000
731181	200 mm, yellow, single wrap, sterile	600
731185	200 mm, yellow, 10/bag, sterile	3000

Autoclave Bags/Tape

Item No.	Description	Case
BAG1	302 x 608 mm, polypropylene	200
BAG2	413 x 632 mm, polypropylene	200
BAG3	633 x 840 mm, polypropylene	200
TAP02	Autoclave tape 25 mm	1

>> Did you know that the lightweight but robust design of our tips can save up to 253 kg of polypropylene per year in an average research institute with 10 research groups? <<

RESPONSIBLE LIQUID HANDLING

INTRODUCING OUR NEW RANGE OF **SAPPHIRE** PIPETTE TIPS

With our Sapphire product range, we have created a **more sustainable brand** which uses less raw materials and incorporates environmentally friendly packaging.

With these features and our wider sustainability goals, we aim to help your organisation meet its own environmental objectives.

UNCOMPROMISING QUALITY BUT WITH LESS PLASTIC

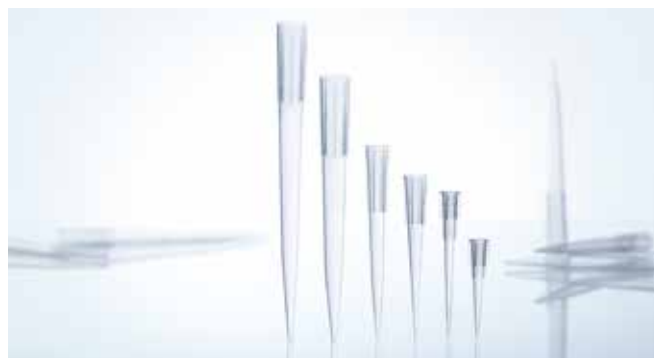
- / Less weight to make your daily pipetting routine easier and more comfortable
- / Significantly less raw material than many competitors
- / Supports sustainability initiatives

3 FORMATS TO COVER ALL YOUR NEEDS

Racks / Refill Units / Bulk



SAPPHIRE Pipette and FilterTips



10 µl tips

Volume range: 0.2-10 µl (● red insert)

Item No.	Tip version	Packaging	Quantity [pcs.]
771351	Standard	Racked	10 x 96
771352	Standard	Racked, sterile	10 x 96
771354	Standard	Refill	10 x 96
771355	Standard	Refill, sterile	10 x 96
771350	Standard	Bulk	10 x 1,000
771353	Filter	Racked, sterile	10 x 96
771361	Standard, low retention	Racked	10 x 96
771362	Standard, low retention	Racked, sterile	10 x 96
771364	Standard, low retention	Refill	10 x 96
771365	Standard, low retention	Refill, sterile	10 x 96
771363	Filter, low retention	Racked, sterile	10 x 96

10 µl extended tips

Volume range: 0.5-10 µl (● red insert)

Item No.	Tip version	Packaging	Quantity [pcs.]
772351	Standard	Racked	10 x 96
772352	Standard	Racked, sterile	10 x 96
772354	Standard	Refill	10 x 96
772355	Standard	Refill, sterile	10 x 96
772350	Standard	Bulk	5 x 1,000
772353	Filter	Racked, sterile	10 x 96
772361	Standard, low retention	Racked	10 x 96
772362	Standard, low retention	Racked, sterile	10 x 96
772364	Standard, low retention	Refill	10 x 96
772365	Standard, low retention	Refill, sterile	10 x 96
772363	Filter, low retention	Racked, sterile	10 x 96

20 µl tips

Volume range: 2-20 µl (● orange insert)

Item No.	Tip version	Packaging	Quantity [pcs.]
773353	Filter	Racked, sterile	10 x 96
773363	Filter, low retention	Racked, sterile	10 x 96

100 µl tips

Volume range: 2-100 µl (● dark yellow insert)

Item No.	Tip version	Packaging	Quantity [pcs.]
774353	Filter	Racked, sterile	10 x 96
774363	Filter, low retention	Racked, sterile	10 x 96

200 µl tips

Volume range: 5-200 µl (● yellow insert)

Item No.	Tip version	Packaging	Quantity [pcs.]
775351	Standard	Racked	10 x 96
775352	Standard	Racked, sterile	10 x 96
775354	Standard	Refill	10 x 96
775355	Standard	Refill, sterile	10 x 96
775350	Standard	Bulk	15 x 1,000
775353	Filter	Racked, sterile	10 x 96
775361	Standard, low retention	Racked	10 x 96
775362	Standard, low retention	Racked, sterile	10 x 96
775364	Standard, low retention	Refill	10 x 96
775365	Standard, low retention	Refill, sterile	10 x 96
775363	Filter, low retention	Racked, sterile	10 x 96

300 µl tips

Volume range: 10-300 µl (● green insert)

Item No.	Tip version	Packaging	Quantity [pcs.]
776351	Standard	Racked	10 x 96
776352	Standard	Racked, sterile	10 x 96
776354	Standard	Refill	10 x 96
776355	Standard	Refill, sterile	10 x 96
776350	Standard	Bulk	10 x 1,000
776353	Filter	Racked, sterile	10 x 96
776361	Standard, low retention	Racked	10 x 96
776362	Standard, low retention	Racked, sterile	10 x 96
776364	Standard, low retention	Refill	10 x 96
776365	Standard, low retention	Refill, sterile	10 x 96
776363	Filter, low retention	Racked, sterile	10 x 96

1000 µl tips

Volume range: 50-1000 µl (● blue insert)

Item No.	Tip version	Packaging	Quantity [pcs.]
777351	Standard	Racked	10 x 96
777352	Standard	Racked, sterile	10 x 96
777354	Standard	Refill	10 x 96
777355	Standard	Refill, sterile	10 x 96
777350	Standard	Bulk	5 x 1,000
777361	Standard, low retention	Racked	10 x 96
777362	Standard, low retention	Racked, sterile	10 x 96
777364	Standard, low retention	Refill	10 x 96
777365	Standard, low retention	Refill, sterile	10 x 96

1250 µl tips

Volume range: 50-1250 µl (● blue insert)

Item No.	Tip version	Packaging	Quantity [pcs.]
778351	Standard	Racked	10 x 96
778352	Standard	Racked, sterile	10 x 96
778354	Standard	Refill	10 x 96
778355	Standard	Refill, sterile	10 x 96
778350	Standard	Bulk	5 x 1,000
778353	Filter	Racked, sterile	10 x 96
778361	Standard, low retention	Racked	10 x 96
778362	Standard, low retention	Racked, sterile	10 x 96
778364	Standard, low retention	Refill	10 x 96
778365	Standard, low retention	Refill, sterile	10 x 96
778363	Filter, low retention	Racked, sterile	10 x 96

Empty tip racks

Item No.	Sapphire tip size [µl]	Rack insert colour	Quantity [pcs.]
770310	10 - 20	● red	10
770320	100 - 200	● yellow	10
770330	300	● green	10
770340	1250	● blue	10

Empty tip racks - no inserts

Item No.	Sapphire tip size [µl]	Rack insert colour	Quantity [pcs.]
770370	10 - 300	N / A	10
770380	1000 - 1250	N / A	10



Sustainability-oriented product design **reducing the consumption of raw materials**



Convenient bulk and refill options that significantly **save packaging and storage space**



Sapphire racks and tips are **autoclavable** at least **50 times** without any negative impact on product integrity



Sapphire rack inserts are made of **recycled raw material**



Sapphire **cardboard packaging** made of **recycled material**



Optimised injection moulding plant **reduces our carbon footprint by 61 tons of CO₂ annually**¹

SUSTAINABILITY

Macro Tips



Loose in Bags and Racked

Item No.	Description	Case
745280	5 ml, to fit Gilson, racked	500
745281	5 ml, to fit Gilson, racked, sterile	500
745290	5 ml, to fit Gilson, loose	2500
745291	5 ml, to fit Gilson, loose	250
750290	10 ml, to fit Gilson, loose	200
750280	10 ml, to fit Gilson, racked	250

SAPPHIRE Pipettes



- Light and comfortable design
- Low pipetting forces for ease of use
- Digital volume setting
- Colour coded for tip identification
- Optimised for use with Greiner Bio-One tips
- Fully autoclavable

Single-channel pipettes

Item No.	Volume range [μ l]	Colour code	Qty
89000002	0.2 - 2	orange	1
89000010	1 - 10	red	1
89000020	2 - 20	light yellow	1
89000100	10 - 100	light orange	1
89000200	20 - 200	yellow	1
89001000	100 - 1000	blue	1
89000500	500 - 5000	violet	1
89010000	1000 - 10000	light blue	1

8-channel pipettes

Item No.	Volume range [μ l]	Colour code	Qty
89000810	0.5 - 10	red	1
89000820	2 - 20	light yellow	1
89008200	20 - 200	yellow	1
89008300	20 - 300	green	1

12-channel pipettes

Item No.	Volume range [μ l]	Colour code	Qty
89001210	0.5 - 10	red	1
89001220	2 - 20	light yellow	1
89012200	20 - 200	yellow	1
89012300	20 - 300	green	1

Serological Pipettes



- Sterile
- High optical clarity
- Maximum accuracy
- Drop-free pipetting
- Increased volume from negative graduations
- All pipettes are supplied with a filter for protection against the suction of liquid into the pipetting device
- Short-format pipettes (shorties) permit back-saving work
- Clear, easily legible graduation
- 1/2 / 5 / 10 / 25 ml pipettes with vertical Schellbach stripe for easier volume identification

Packaging options

- Individually wrapped pipettes in plastic / plastic-packaging with peel-off function
- Paper/plastic-packaging with peel-off function and break-through function
- Plastic bulk packs

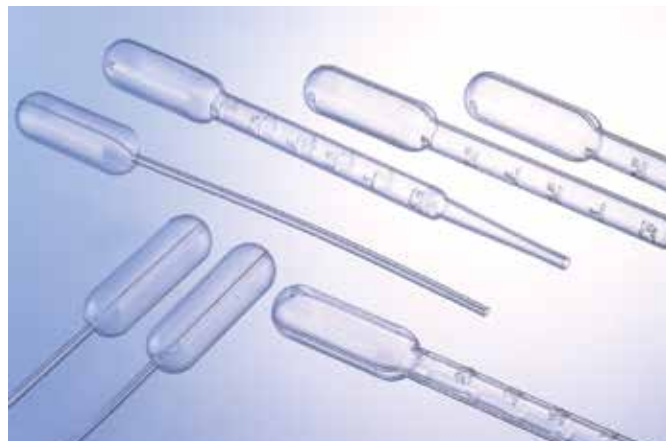
Single-Wrap/ Sterile

Item No.	Description	Case
604181	1 ml, paper/plastic wrapping	1000
604160	1 ml, plastic/plastic wrapping	1000
710160	2 ml, plastic/plastic wrapping	1000
710180	2 ml, paper/plastic wrapping	1000
710183	2 ml, aspiration, paper/plastic wrap	1000
606160	5 ml, plastic/plastic wrapping	200
606180	5 ml, paper/plastic wrapping	200
606190	5 ml, short format, plastic/plastic wrapping	200
607160	10 ml, plastic/plastic wrapping	200
607180	10 ml, paper/plastic wrapping	200
607190	10 ml, short format, plastic/plastic wrapping	200
760160	25 ml, plastic/plastic wrapping	200
760180	25 ml, paper/plastic wrapping	200
768160	50 ml, plastic/plastic wrapping	100
768180	50 ml, paper/plastic wrapping	100

Bulk/ 25 pieces per bag/ Sterile

Item No.	Description	Case
604107	1 ml	1000
710107	2 ml	1000
606107	5 ml	500
607107	10 ml	500
760107	25 ml	200

Pasteur Pipettes



- Ideally suited for the rapid transfer of liquids
- Available sterile or non-sterile

Item No.	Description	Case
612302	1 ml	500
612382	1 ml, 20/bag, sterile	500
612399	1 ml, single wrap, sterile	500
612301	3.5 ml	500
612381	3.5 ml, 20/bag, sterile	500
612398	3.5 ml, single wrap, sterile	500

Maxipette

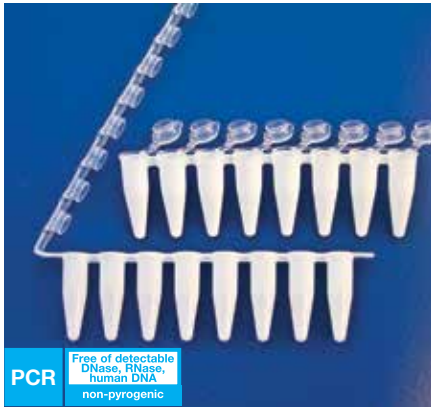


- Ergonomic design for easy pipetting
- Variable speed control
- Cordless and rechargeable
- Up to eight hours of continuous operation
- Compatible with Greiner Bio-One serological pipettes

Item No.	Description	Qty
847060	MaxiPette, Content Kit: pipette controller, charger, bench-top stand, extra filter, replaceable lithium battery	1

PCR

SAPPHIRE White PCR Tube Strips



- White polypropylene ideally suited to qPCR
- Ultra thin tube walls ensure efficient thermal transfer and thus maximum yield
- Greater reflection from white surface enhances signal detection
- An advantage in very low signal situations

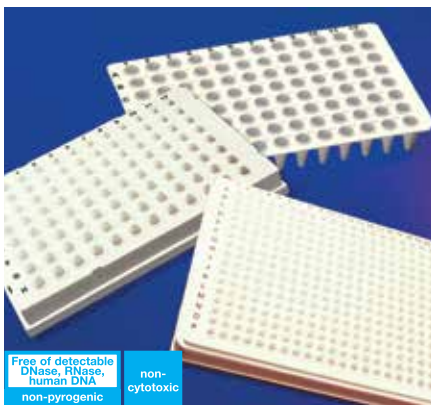
8 Tube Strips

Item No.	Volume	Cap type	Case
671221	0.1 ml, low profile	individually hinged, natural	120
671231	0.2 ml	individually hinged, natural	120
671241	0.2 ml	attached flat strip, hinged at end, natural	125
671271	0.2 ml	unattached flat strip, natural	125

12 Tube Strips

Item No.	Volume	Cap type	Case
671251	0.2 ml	unattached flat strip, natural	80

SAPPHIRE White PCR Microplates



96 Well

Item No.	Skirt	Design	Case
669205	non-skirted	A12 corner notch	10
669215	non-skirted	A12 corner notch, low well profile	20
669225	half-skirted	A12 corner notch	10
669255	half-skirted	A1 corner notch, low well profile	10
669235	half-skirted	A12 corner notch, low well profile, ABI [®]	10
669285	half-skirted	H12 corner notch, low well profile, LightCycler [®]	10
669265	fully-skirted	Low well profile, Ultraflux	10

384 Well

Item No.	Skirt	Design	Case
785225	fully-skirted	A24 & P24 corner notches	10
785235	fully-skirted	A24	10

SAPPHIRE PCR Tube Strips



8 Tube Strips/ Natural

Item No.	Description	Case
673210	0.2 ml, without caps	125
373250	RealTime 8 tube cap strip for 673210, flat cap	125
373270	8 tube cap strip, domed cap	125
608201	0.2 ml, with attached cap strip	125
608281	0.2 ml, with individual attached caps	120



12 Tube Strips/ Natural

Item No.	Description	Case
674201	0.2 ml, without cap	80
374270	Cap strip for 674201	80

SAPPHIRE PCR Tubes



Individual Tubes/ Natural

Item No.	Description	Case
671201	0.2 ml, domed cap, natural	1000
683201	0.2 ml, flat cap, natural	1000
683271	0.2 ml, flat cap, assorted colours	1000
672201	0.5 ml, domed cap, natural	1000
682201	0.5 ml, flat cap, natural	1000
682281	0.5 ml, flat cap, assorted colours	1000

SAPPHIRE PCR Microplates



96 Well/ Non-Skirted/ Polypropylene/ Natural

Item No.	Description	Case
652201	PCR plate, 96 well, raised wells	10



96 Well/ Half-Skirted/ Polypropylene/ Natural

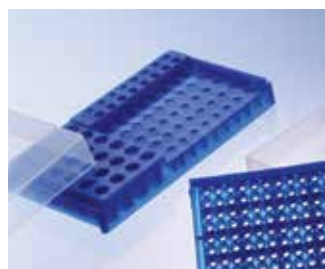
Item No.	Description	Case
652260	PCR plate, 96 well - (ABI design)	10
652290	PCR plate, 96 well, suitable for ABI 3100	10



96 Well/ Fully-Skirted/ Polypropylene/ Natural

Item No.	Description	Case
652270	PCR plate, 96 well	10

SAPPHIRE PCR Tube Racks



Work Up and Strip Racks

Item No.	Description	Case
879070	PCR Work Up rack with lid, blue	1
880070	StripRack, blue	1

SAMPLE STORAGE

Standard **CRYO.S**



- CE-marked
- Made of high-grade polypropylene which guarantees high thermal resistance in a temperature range from -196°C to +121°C
- As a safety precaution Cryo.s™ should be stored in a freezer or exclusively in the gas phase over the liquid nitrogen
- Suitable for shipment by air
- With white, scratch-resistant writing area
- With 150 inserts per case (for additional labelling on the cap)
- Suitable for shipment by air
- Internal or external threads

1.0 ml/ Starfoot Base/ Internal Threaded Cap/ Sterile

Item No.	Working Volume	Cap colour	Case
123263	up to 1.2 ml	natural	500
123277	up to 1.2 ml	green	500
123278	up to 1.2 ml	yellow	500
123279	up to 1.2 ml	blue	500
123280	up to 1.2 ml	red	500

2.0 ml/ Round Base/ Internal Threaded Cap/ Sterile

Item No.	Working Volume	Cap colour	Case
121261*	up to 2.0 ml	natural	500
121263	up to 2.0 ml	natural	500
121277	up to 2.0 ml	green	500
121278	up to 2.0 ml	yellow	500
121279	up to 2.0 ml	blue	500
121280	up to 2.0 ml	red	500

* without writing area

2.0 ml/ Starfoot Base/ Internal Threaded Cap/ Sterile

Item No.	Working Volume	Cap colour	Case
122261*	up to 2.0 ml	natural	500
122263	up to 2.0 ml	natural	500
122277	up to 2.0 ml	green	500
122278	up to 2.0 ml	yellow	500
122279	up to 2.0 ml	blue	500
122280	up to 2.0 ml	red	500

* without writing area

5.0 ml/ Round Base/ Internal Threaded Cap/ Sterile

Item No.	Working Volume	Cap colour	Case
124261*	4.5 - 5.0 ml	natural	300
124263	4.5 - 5.0 ml	natural	300
124275	4.5 - 5.0 ml	green	300
124276	4.5 - 5.0 ml	yellow	300
124273	4.5 - 5.0 ml	red	300
124274	4.5 - 5.0 ml	blue	300

* without writing area

2.0 ml/ Starfoot Base/ External Threaded Cap/ Sterile

Item No.	Working Volume	Cap colour	Case
126261*	up to 2.2 ml	natural	500
126263	up to 2.2 ml	natural	500
126277	up to 2.2 ml	green	500
126278	up to 2.2 ml	yellow	500
126279	up to 2.2 ml	blue	500
126280	up to 2.2 ml	red	500

* without writing area

4.0 ml/ Starfoot Base/ External Threaded Cap/ Sterile

Item No.	Working Volume	Cap colour	Case
127261*	up to 4.0 ml	natural	300
127263	up to 4.0 ml	natural	300
127277	up to 4.0 ml	green	300
127278	up to 4.0 ml	yellow	300
127279	up to 4.0 ml	blue	300
127280	up to 4.0 ml	red	300

* without writing area

CRYO.S Storage Racks

50 & 81 positions

Item No.	Description	Case
802210	50 position CryoBox, with lid, natural	1
802202	81 position Cryobox, with lid, natural	1

CRYO.S Storage Racks

Keyed for single-handed removal

Item No.	Description	Case
802501	40 position Cryovial Rack	1

CRYO.S with Datamatrix Codes



CE	FREE OF detectable DNase	FREE OF detectable RNase	FREE OF detectable human DNA	non-cytotoxic	IVD
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Triple coded with predefined 2D datamatrix codes, linear barcode and human readable codes

- Made of high-grade polypropylene which guarantees high thermal resistance in a temperature range from -196°C to +121°C
- As a safety precaution Cryo.s™ should be stored in a freezer or exclusively in the gas phase over the liquid nitrogen
- Suitable for shipment by air
- Laser-written ECC200 Datamatrix
- Strong resistance to mechanical and chemical damage
- High data capacity
- With white, scratch-resistant writing area

Predefined Datamatrix Code/ Linear Barcode/Human Readable Code/ Sterile

Item No.	Working Volume	Thread	Cap colour	Case
122263-2DG	up to 2.0 ml	internal	natural	500
123263-2DG	up to 1.2 ml	internal	natural	500
126263-2DG	up to 2.2 ml	external	natural	500
127263-2DG	up to 4.0 ml	external	natural	300

CRYO.S Datamatrix Racks



Datamatrix Cryo.™ Racks

Item No.	Rack	Case
803202-2DG	Datamatrix Cryo Rack with low lid	20
803270-2DG	Datamatrix Cryo Rack with high lid	15

Scanners Available from Greiner Bio-One



ANSI Camera Rack Scanner
Cat. No: 849080



Single Tube Scanner
Cat. No: 849082

SEE OUR FULL CATALOGUE FOR DETAILS OR CONTACT 01453 825255 / Info.uk@gbo.com

CRYO.S Racked with Datamatrix Codes



- Coloured screw cap option with eight different colours available.
- Height-reduced screw cap conserving freezer space
- Ultra-sharp Datamatrix code
- Preproduced, unique Datamatrix codes off the shelf or customised code sequences on request (order form F071003)
- Medical grade and USP class VI certified polypropylene
- Medical grade silicone gasket providing optimum seal
- Suitable for air shipment (IATA conformity)
- ANSI 1-2004 standard footprint rack for automated handling

Description (Item No.s below)	300 µl tube, pre-racked, sterile	300 µl tube, pre-racked, non-sterile	600 µl tube, pre-racked, sterile	600 µl tube, pre-racked, non-sterile	1000 µl tube, pre-racked, sterile	1000 µl tube, pre-racked, non-sterile	96 screw caps in cap carrier, non-sterile
Natural caps							
Item No.s	976561	976580	977561	977580	978561	978580	385270
Case	960	960	960	960	960	960	960

Description (Item No.s below)	300 µl tube, pre-racked, sterile	300 µl tube, pre-racked, non-sterile	600 µl tube, pre-racked, sterile	600 µl tube, pre-racked, non-sterile	1000 µl tube, pre-racked, sterile	1000 µl tube, pre-racked, non-sterile
● Green caps						
Item No.s	976566	976586	977566	977586	978566	978586
● Yellow caps						
Item No.s	976565	976585	977565	977585	978565	978585
● Blue caps						
Item No.s	976564	976584	977564	977584	978564	978584
● Red caps						
Item No.s	976563	976583	977563	977583	978563	978583
● Pink caps						
Item No.s	976568	976588	977568	977588	978568	978588
● Brown caps						
Item No.s	976569	976589	977569	977589	978569	978589
● Black caps						
Item No.s	976567	976587	977567	977587	978567	978587
Case	960	960	960	960	960	960

MICROPLATES

SEE ALSO CELL CULTURE MICROPLATES

Polystyrene Microplates



96 and 384 Well/ Clear/ Non-Sterile

Item No.	Description	Case
650101	96 U well microplate	100
651101	96 U well TC treated microplate with lid	100
655101	96 well microplate	100
675101	96 well half area microplate	40
781101	384 well microplate	100

Sterile

Item No.	Description	Case
650161	96 U well microplate, sterile	100
651161	96 V well microplate, sterile	100
655161	96 flat well microplate, sterile	100
675161	96 well half area microplate, sterile	40
781185	384 flat well microplate, with lid, sterile	32

Polypropylene Microplates



96 and 384 Well/ Non-Sterile

Item No.	Description	Case
650201	96 U well, natural	100
650209	96 U well, black	100
651201	96 V well, natural	100
651209	96 V well, black	100
655201	96 flat well, natural	100
655209	96 flat well, black	100
781201	384 flat well, natural	100
781280	384 V well, natural	100

Sterile

Item No.	Description	Case
650261	96 U well, natural, sterile	100
651261	96 V well, natural, sterile	100

High Binding Microplates



96 Well/ Sterile

Item No.	Description	Case
650061	ELISA microplate, clear, U well	40
651061	ELISA microplate, clear, V well	40
655061	ELISA microplate, clear, flat well	40
655081	ELISA microplate, clear, flat 'chimney' well	40
655074	white, flat well	40
655077	black, flat well	40
655094	white, μ Clear [®] bottom	40
655097	black, μ Clear [®] bottom	40
675074	96 well half area, white, high binding	40
675077	96 well half area, black, high binding	40

Medium Binding Microplates



96 Well/ Non-Sterile

Item No.	Description	Case
650001	ELISA microplate, clear, U well	40
651001	ELISA microplate, clear, V well	40
655001	ELISA microplate, clear, flat well	40
655080	ELISA microplate, clear, flat 'chimney' well	40
655075	white, flat well	40
655076	black, flat well	40
655095	white, μ Clear [®] bottom	40
655096	black, μ Clear [®] bottom	40
675075	white, half-area, flat well	40
675076	black, half area, flat well	40
675096	black, half area, μ Clear [®] bottom	40

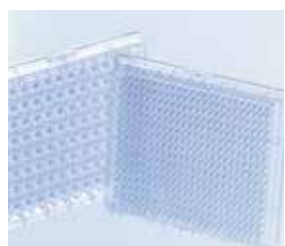
Non-binding Microplates



96 Well/ Non-Sterile

Item No.	Description	Case
650901	clear, U well	40
651901	clear, V well	40
655900	black, flat well	40
655901	clear, flat well	40
655906	black, μ Clear [®] bottom	40

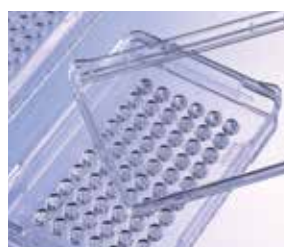
UV Spectroscopy Plates



UV Transparent/ 96 and 384 Well/ Non-Sterile

Item No.	Description	Case
655801	96 well	40
675801	96 well half area	40
781801	384 well	40

Terasaki Microplates



TC Treated/ with Lid

Item No.	Description	Case
653180	60 well	270
654180	72 well	270

MASTERBLOCK[®]



Storage Microplates/ 96 Well/ Polypropylene

Item No.	Description	Case
786261	0.5 ml, V well, sterile	80
780201	1.0 ml, U well	50
780261	1.0 ml, U well, sterile	50
780270	2.0 ml, V well	50
780271	2.0 ml, V well, sterile	50

Bulk Packed

Item No.	Description	Case
786201	0.5 ml, V well, inner pack of 8	80
780215	1.0 ml, U well, inner pack of 5	50
780285	2.0 ml, V well, inner pack of 5	50

Lids, Sealers & CapMats

Microplate Lids

Item No.	Description	Case
656101	Non-sterile	100
656161	Sterile	100
656170	With condensation rings, non-sterile	100
656171	With condensation rings, sterile	100
656190	Low profile, non-sterile	200
656191	Low profile, sterile	200

Microplate Adhesive Sealers

Item No.	Description	Case
676001	EASYseal [™] , transparent	100
676040	AMPLIseal [™] , transparent	100
676050	BREATHseal [™] , gas permeable	50
676051	BREATHseal [™] , gas permeable, sterile	50
676070	VIEWseal [™] , transparent, non-piercable	100
676090	SILVERseal [™] , metallic	100

CapMats for MASTERBLOCK[®]

Item No.	Description	Case
381061	CapMat, 1 ml, sterile	50
381070	CapMat, 1 ml	50
381080	CapMat, 2 ml	50
381081	CapMat, 2 ml, sterile	50

MEDICAL EQUIPMENT

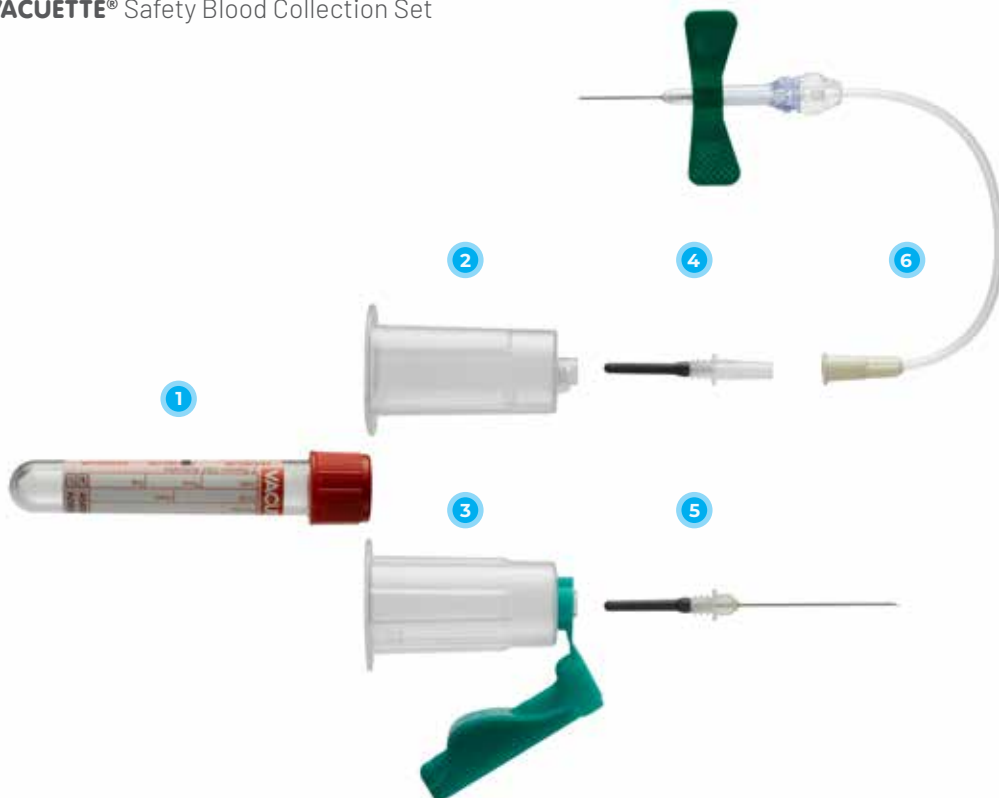
VACUETTE®

Blood Collection

The **VACUETTE®** system is a user friendly evacuated specimen collection system that enables a clearly defined quantity of blood or urine to be collected without further handling.

Selected Components of the **VACUETTE®** System

- 1 Sterile **VACUETTE®** tube made from PET
- 2 Standard Tube Holder (other alternatives available)
- 3 **VACUETTE®** QUICKSHIELD Safety Holder
- 4 Luer Adapter
- 5 Multiple use drawing needle, alternatively VISIO PLUS needle with flashback chamber
- 6 **VACUETTE®** Safety Blood Collection Set



VACUETTE® Evacuated Tubes

No Additive Tubes



Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
454001	4 ml	white	twist	black	13 x 75	Z No Additive	50
456001	6 ml	white	twist	black	13 x 100	Z No Additive	50
455001	9 ml	white	pull	black	13 x 100	Z No Additive	50

Coagulation Tubes



Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
454327	3.5 ml	light blue	twist	black	13 x 75	Sodium citrate 3.2%, sandwich tube	50
454332	3.5 ml	light blue	pull	black	13 x 75	Sodium citrate 3.2%, sandwich tube	50
455322	9 mm	light blue	pull	black	16 x 100	Sodium citrate 3.2%, sandwich tube	50

Serum Tubes



Z Serum / Clot Activator

Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
454092	4 ml	red	twist	black	13 x 75	Z Serum Clot Activator	50
454204	4 ml	red	pull	black	13 x 75	Z Serum Clot Activator	50
456092	6 ml	red	twist	black	13 x 100	Z Serum Clot Activator	50
456089	6 ml	red	pull	black	13 x 100	Z Serum Clot Activator	50
455092	9 ml	red	pull	black	16 x 100	Z Serum Clot Activator	50

Z Serum / Separation Gel / Clot Activator

Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
454228	3.5 ml	gold	pull	gold	13 x 75	Z Serum Sep Clot Activator	50
454214	3.5 ml	gold	twist	gold	13 x 75	Z Serum Sep Clot Activator	50
456018	5 ml	gold	pull	gold	13 x 100	Z Serum Sep Clot Activator	50
456010	5 ml	gold	pull	gold	13 x 100	Z Serum Sep Clot Activator	50
455071	8 ml	red	pull	yellow	16 x 100	Z Serum Sep Clot Activator	50

Heparin Tubes



Lithium Heparin

Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
454084	4 ml	green	twist	black	13 x 75	LH Lithium Heparin	50
454029	4 ml	green	pull	black	13 x 75	LH Lithium Heparin	50
456084	6 ml	green	twist	black	13 x 100	LH Lithium Heparin	50
456088	6 ml	green	pull	black	13 x 100	LH Lithium Heparin	50
455084	9 ml	green	pull	black	16 x 100	LH Lithium Heparin	50

Lithium Heparin / Separation Gel

Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
454247	3 ml	green	pull	yellow	13 x 75	LH Lithium Heparin Sep	50
454083	3.5 ml	green	twist	yellow	13 x 75	LH Lithium Heparin Sep	50
454008	3.5 ml	green	pull	yellow	13 x 75	LH Lithium Heparin Sep	50

EDTA Tubes



K2 EDTA

Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
454023	4 ml	lavender	twist	black	13 x 75	K2E K2EDTA	50
454209	4 ml	lavender	pull	black	13 x 75	K2E K2EDTA	50
456023	6 ml	lavender	twist	black	13 x 100	K2E K2EDTA	50
455045	9 ml	lavender	pull	black	16 x 100	K2E K2EDTA	50

K3 EDTA

Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
454036	4 ml	lavender	twist	black	13 x 75	K3E K3EDTA	50
454021	4 ml	lavender	pull	black	13 x 75	K3E K3EDTA	50
456036	6 ml	lavender	twist	black	13 x 100	K3E K3EDTA	50
456038	6 ml	lavender	pull	black	13 x 100	K3E K3EDTA	50
455036	9 ml	lavender	pull	black	16 x 100	K3E K3EDTA	50

Glucose Tubes



FX Sodium Fluoride / Potassium Oxide

Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
454062	4 ml	grey	twist	black	13 x 75	FX Sodium Fluoride / Potassium Oxalate	50

FE Sodium Fluoride / K3EDTA

Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
454091	4 ml	grey	twist	black	13 x 75	FX Sodium Fluoride / K3EDTA	50

Trace Element Tube



Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
456080	6 ml	dark blue	twist	black	13 x 100	NH Trace Elements Sodium Heparin	50

FC Mix Tubes



Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
454511	2 ml	grey	pull	white	13 x 75	Na ₂ EDTA, sodium fluoride, citric acid & sodium citrate	50
454513	3 ml	pink	pull	black	13 x 75	Na ₂ EDTA, sodium fluoride, citric acid & sodium citrate	50
454514	3 ml	grey	pull	black	13 x 75	Na ₂ EDTA, sodium fluoride, citric acid & sodium citrate	50

Low Volume Draw / Paediatric Tubes



No Additive

Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
454088	2 ml	white	twist	white	13 x 75	Z No Additive	50

Coagulation

Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
454321	2 ml	light blue	twist	white	13 x 75	9NC 3.2%, sandwich tube	50
454322	2 ml	light blue	pull	white	13 x 75	9NC 3.2%, sandwich tube	50

Serum

Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
454096	2 ml	red	twist	white	13 x 75	Z Serum Clot Activator	50
454236	2 ml	red	pull	white	13 x 75	Z Serum Clot Activator	50
454028	2.5 ml	red	twist	yellow	13 x 75	Z Serum Sep Clot Activator	50
454243	2.5 ml	red	pull	white	13 x 75	Z Serum Sep Clot Activator	50

Heparin

Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
454089	2 ml	green	twist	white	13 x 75	LH Lithium Heparin	50
454237	2 ml	green	pull	white	13 x 75	LH Lithium Heparin	50
454046	2.5 ml	green	twist	yellow	13 x 75	LH Lithium Heparin Sep	50

EDTA

Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
454087	2 ml	lavender	twist	white	13 x 75	K3E K3EDTA	50
454222	2 ml	lavender	pull	white	13 x 75	K3E K3EDTA	50

Glucose

Item No.	Nominal volume	Cap colour	Cap type	Ring colour	Tube size	Additive	Pack
454061	2 ml	grey	twist	white	13 x 75	FX Sodium Fluoride / Potassium Ox.	50
454221	2 ml	grey	pull	white	13 x 75	FE Sodium Fluoride / K3EDTA,	50
454238	2 ml	grey	pull	white	13 x 75	FX Sodium Fluoride / Potassium Ox.	50

VACUETTE®

Safety Blood Collection Sets



Safety Infusion Sets

- Manual activation
- Thin wall needle

Item No.	Needle size	Butterfly colour	Tubing length	Pack
450091	21 G x 3/4"	green	19 cm	50
450092	23 G x 3/4"	blue	19 cm	50



Safety Blood Collection Sets with Luer Adapter

- Manual activation
- Thin wall needle

Item No.	Needle size	Butterfly colour	Tubing length	Pack
450081	21 G x 3/4"	green	19 cm	50
450082	23 G x 3/4"	blue	19 cm	50
450095	21 G x 3/4"	green	30 cm	50



Safety Blood Collection Sets with Luer Adapter and Holder

- Manual activation
- Thin wall needle

Item No.	Needle size	Butterfly colour	Tubing length	Pack
450085	21 G x 3/4"	green	19 cm	24
450086	23 G x 3/4"	blue	19 cm	24

Lancelino Safety Lancets



Safety Lancets with blade

Item No.	Penetration depth	Blade size	Colour	Pack
450524	2 mm	0.8 mm	yellow	50



Safety Lancets with needle. Colour coded penetration depth

Item No.	Penetration depth	Needle size	Colour	Pack
450520	1.2 mm	30 G	light green	200
450521	1.5 mm	25 G	lavender	200
450522	1.8 mm	21 G	blue	200

MiniCollect® Safety Lancets



Safety Lancets with blade. Colour coded penetration depth

Item No.	Penetration depth	Blade size	Colour	Pack
450427	1 mm	1.5 mm	pink	200
450428	1.5 mm	1.5 mm	green	200
450429	2 mm	1.5 mm	blue	200

QUICKSHIELD Safety Tube Holders

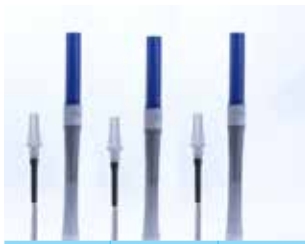


QUICKSHIELD

QUICKSHIELD Complete Plus
(preassembled with VISIO
PLUS flashback needle)

Item No.	Description	Needle size	Needle colour	Pack
450230	QUICKSHIELD Safety Holder	-	-	50
450239V1	QUICKSHIELD Complete Plus	21 G	green	30
450228V1	QUICKSHIELD Complete Plus	22G	black	30

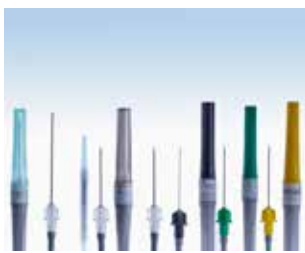
Luer Adapter



For use with standard
Holders and Blood
Collection Sets

Item No.	size	Colour	Pack
450070	20 G	blue	100

Blood Collection Needles



VISIO PLUS 'Flashback'

Multiple Draw Needles

Item No.	Description	Needle size	Needle colour	Pack
Visio Plus 'Flashback' Needles				
450040	VISIO PLUS / Flashback	21 G x 1 1/2"	green	100
450041	VISIO PLUS / Flashback	22 G x 1 1/2"	black	100
Multiple Draw Needles				
450077	Multiple Draw	20 G x 1.5"	yellow	100
450075	Multiple Draw	22 G x 1 1/2"	green	100
450076	Multiple Draw	21 G x 1 1/2"	black	100

Tube Holders



Holders compatible with
Blood Collection Tubes

Item No.	Description	Pack
450209	Standard Tube Holder	100
450263	HOLDEX®, with off-centre luer, single-packed	100
450210	SAFELINK Holder with male luer lock connection. single-packed	100

Tourniquets



Re-usable and Disposable
Tourniquets

Item No.	Description	Packing	Pack
840050	VACUETTE Fabric Re-usable	single wrap	1
840053	VACUETTE Disposable	25 per roll	25

MiniCollect® Carrier Tubes



MiniCollect® Carrier Tubes for
threading a MiniCollect® tube
into.
Combination then corresponds
to standard dimensions of
13 x 75 mm

Item No.	Description	Colour	Pack
450417	Carrier tube	clear	100
450418	Carrier tube	amber	100

MiniCollect® and MiniCollect® Complete Tubes



MiniCollect® tubes



MiniCollect® Complete tubes

Z Serum

Item No.	Nominal volume	Cap colour	Cap type	Additive	Pack
450534	0.5 - 1 ml	red	pull	Z serum	50
450549	0.5 - 1 ml	red	pull	Z serum, complete with carrier tube	50

Z Serum Separation

Item No.	Nominal volume	Cap colour	Cap type	Additive	Pack
450533	0.5 - 0.8 ml	gold	pull	Z Serum Separator	50
450548	0.5 - 0.8 ml	gold	pull	Z Serum Separator complete with carrier tube	50

LH Lithium Heparin

Item No.	Nominal volume	Cap colour	Cap type	Additive	Pack
450536	0.5 ml	green	pull	LH Lithium Heparin	50
450537	1 ml	green	pull	LH Lithium Heparin	50
450551	1 ml	green	pull	LH Lithium Heparin complete with carrier tube	50

LH Lithium Heparin Separation

Item No.	Nominal volume	Cap colour	Cap type	Additive	Pack
450535	0.8 ml	light green	pull	LH Lithium Heparin Separator	50
450550	0.8 ml	light green	pull	LH Lithium Heparin Separator complete with carrier tube	50

K2E EDTA

Item No.	Nominal volume	Cap colour	Cap type	Additive	Pack
450532	0.25 - 0.5 ml	lavender	pull	K2E K2EDTA	50
450547	0.25 - 0.5 ml	lavender	pull	K2E K2EDTA complete with carrier tube	50

K3E EDTA

Item No.	Nominal volume	Cap colour	Cap type	Additive	Pack
450530	0.25 - 0.5 ml	lavender	pull	K3E K2EDTA	50
450531	1 ml	lavender	pull	K3E K2EDTA	50
450545	0.25 - 0.5 ml	lavender	pull	K3E K2EDTA complete with carrier tube	50
450546	1 ml	lavender	pull	K3E K2EDTA complete with carrier tube	50

FX Sodium Fluoride / Potassium Oxalate

Item No.	Nominal volume	Cap colour	Cap type	Additive	Pack
450540	0.25 ml	grey	pull	FX Sodium Fluoride / Potassium Oxalate	50
450541	0.5 ml	grey	pull	FX Sodium Fluoride / Potassium Oxalate	50
450552	0.25 ml	grey	pull	FX Sodium Fluoride / Potassium Oxalate complete with carrier tube	50

9NC Coagulation Sodium Citrate 3.2%

Item No.	Nominal volume	Cap colour	Cap type	Additive	Pack
450539	1 ml	light blue	pull	9NC Coagulation Sodium Citrate 3.2%	50

For MiniCollect® Carrier Tubes see page 42

Paediatric Tubes



1.3 ml Screw cap Tubes

Z Serum

Item No.	Nominal volume	Cap colour	Cap type	Additive	Pack
459071	1.3 ml	red	twist	Serum/clot activator	100

Z Serum Separation

Item No.	Nominal volume	Cap colour	Cap type	Additive	Pack
459092	1.3 ml	yellow	twist	Serum/clot activator	100

LH Lithium Heparin

Item No.	Nominal volume	Cap colour	Cap type	Additive	Pack
459084	1.3 ml	green	twist	Lithium Heparin	100

K3E EDTA

Item No.	Nominal volume	Cap colour	Cap type	Additive	Pack
459036	1.3 ml	lavender	twist	K3 EDTA	100

Sodium Citrate 3.2% Coagulation Tests

Item No.	Nominal volume	Cap colour	Cap type	Additive	Pack
459075	1.3 ml	blue	twist	Sodium Citrate	100

Hypodermic Needles



Hypodermic Needles/ Luer fitting

Item No.	Needle size	Pack
N1938	19 G x 1½"	100
N1950	19 G x 2"	100
N2325	21 G x 1"	100
N2138	21 G x 1½"	100
N2316	23 G x 5/8"	100
N2332	23 G x 1¼"	100
N2516	25 G x 5/8"	100
N2525	25 G x 1"	100

Syringes



Disposable Syringes/ Luer Slip and Luer Lock

Item No.	Needle size	Pack
SYR1	1 ml, luer slip	100
SYR2	2 ml, luer slip	100
SYR5	5 ml, luer slip	100
SYR5LL	5 ml, luer lock	100
SYR10	10 ml, luer slip	100
SYR10LL	10 ml, luer lock	100
SYR20	20 ml, luer slip	50
SYR20LL	20 ml, luer lock	50
SYR50	50 ml, luer lock	25
SYR50LS	50 ml, luer slip	25

SUPPLIER'S DETAILS



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Blue Plan
Our
strategy
for a
better
tomorrow



Create a
circular
business.





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- / We have set ourselves ambitious targets as part of our sustainability strategy, [Blue Plan](#):
 - We want to be climate neutral by 2030 (*limited to scope 1 & 2 emissions*).
 - We want to be fully circular by 2030
 - We want all our employees to be prepared for future challenges
- / Our UK and German operations are ISO14001:2015 accredited
- / In the UK we are a Zero-to-Landfill organisation
- / All our manufacturing sites has been awarded the Silver Medal for Sustainability from Ecovadis
- / We donate expired stock for training and educational purposes to prevent waste
- / We have achieved a CDP (formally the Carbon Disclosure Project) score of B with an ambition to make it to the prestigious A list
- / Our production machines are powered by clean, renewable sources of energy and our heating is sourced via an intelligent heat recovery system
- / As part of our drive to be a circular business, rejected production pieces are processed into granulate for re-use
- / We apply the conventions of the International Labour Organisation (ILO) throughout our supply chains to ensure the adoption of ethical labour practices
- / We have saved 257 tonnes of CO² emissions through recycling of VACUETTE® label backing paper.



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