

making a difference



# TOGETHER AGAINST SARS-COV-2

## **COVID-19**


### Relevant Products

We offer a comprehensive range of high-quality products for sample collection and transport.



**greiner**  
BIO-ONE



A healthcare worker, likely a nurse, is shown from the chest up. She is wearing blue scrubs, a blue surgical cap, a white face mask, and a clear face shield. Her arms are crossed, and she is wearing white gloves. The background is a blurred outdoor setting with a building.

Working at full speed  
every day - with  
products from  
Greiner Bio-One.

## A VIRUS KEEPS US IN SUSPENSE

The Coronavirus (SARS-CoV-2) presents a major challenge for the health system worldwide. Hospitals, laboratories and doctors' offices are facing special situations and must deliver correct test results under high time pressure in order to protect and care for patients in the best possible way. Good cooperation amongst all parties involved within the health system is thus critical.

Greiner Bio-One offers a comprehensive range of high-quality products for sample collection and transport. By concentrating its efforts on secure supply chains, continuous and consistent manufacturing as well as appropriate prioritization of products in high demand, Greiner Bio-One appears as a safe and reliable supplier.

**VACUETTE® Virus  
Stabilization Tube**  
for the safe transport and  
storage of specimens

**VACUETTE® Tubes**  
made out of virtually  
unbreakable PET plastic

**VACUETTE® ID Snap rings**  
a practical accessory  
product for marking  
special samples

**VACUETTE® Super-T  
Disposable Tourniquets**  
intended for single use

**VACUETTE® Safety Products**  
for a high level of safety

**Automatic Safety Catheters**  
for a safe and successful  
insertion

**VACUETTE® Transport Line**  
to keep the samples cool and  
minimize the risk of infection  
to staff when transporting  
infectious sample material



## WE ARE A RELIABLE SUPPLIER

We put our efforts  
on secure supply  
chains & consistent  
manufacturing.

# VIRUS SAMPLING

## PRIMARY CONTAINER

for the safe  
transport and  
storage of swab  
specimens

### VACUETTE®

#### Virus Stabilization Tube

The VACUETTE® Virus Stabilization Tube supports the safe transport and storage of specimens for SARS-CoV-2, influenza A and influenza B testing. After removing the cap from the tube, the swab containing the specimen taken from the subjects nasopharyngeal or oropharyngeal area is immediately inserted into the tube. Then the tube is closed with the VACUETTE® Safety Cap and transported to the laboratory.



# SEROLOGY AND ROUTINE LABORATORY SAMPLING

Please refer to the instrument assay instructions for use, for information on the correct sample material, correct storage and stability.

FOR  
CAPILLARY  
BLOOD  
COLLECTION

we also offer  
MiniCollect® Tubes

## **VACUETTE®** Serum Tubes

VACUETTE® Serum tubes are used, among other applications, in determinations for serology and routine clinical chemistry. The inner wall of each serum tube is coated with microscopic silica particles to activate clotting.

*VACUETTE® Serum Tubes are available with or without separating gel and in low draw volumes.*

## **VACUETTE®** Lithium Heparin Tubes

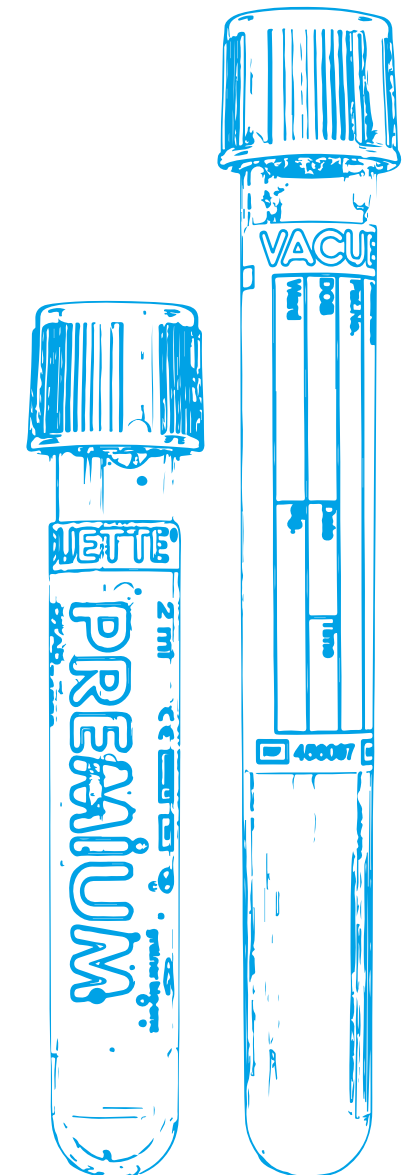
VACUETTE® Heparin tubes are used, among other applications, in routine clinical chemistry and where blood from anticoagulated patients is to be tested. The additive prevents the formation of fibrin.

*VACUETTE® LH Lithium Heparin tubes are available with or without separating gel and in low draw volumes.*

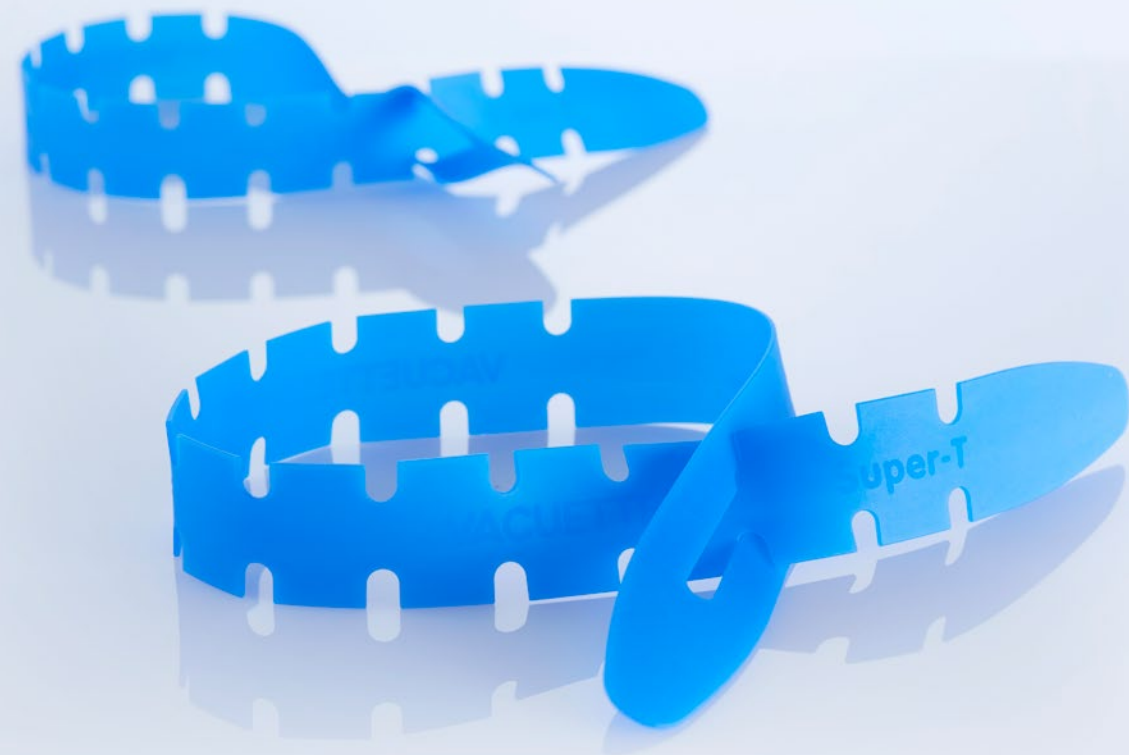
## **VACUETTE®** EDTA Tubes

VACUETTE® EDTA tubes are used for determinations in EDTA whole blood, for instance, for haematology and immunohematology. EDTA plasma can be used generally for antibody screening, viral marker testing and molecular diagnostics. The additive potassium EDTA (ethylenediaminetetraacetic acid) in the tube binds calcium, thus blocking the coagulation cascade.

*EDTA Tubes from Greiner Bio-One are also available in low draw volumes and in two versions: K3E K3EDTA, K2E K2EDTA and K2E K2EDTA with gel.*







## VACUETTE® SUPER-T Disposable Tourniquets

The VACUETTE® Super-T Disposable Tourniquets from Greiner Bio-One are very easy to handle. The product is made of virtually tear-proof silicone and lies soft and elastic on the patient's arm. VACUETTE® Super-T Disposable Tourniquets are intended for single use.

1



2

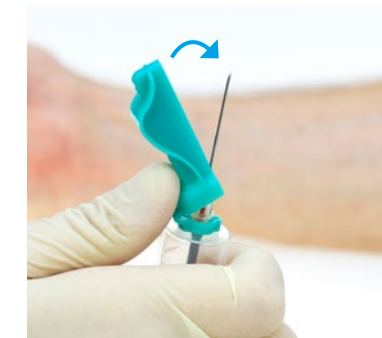


## VACUETTE® QUICKSHIELD Safety Tube Holder

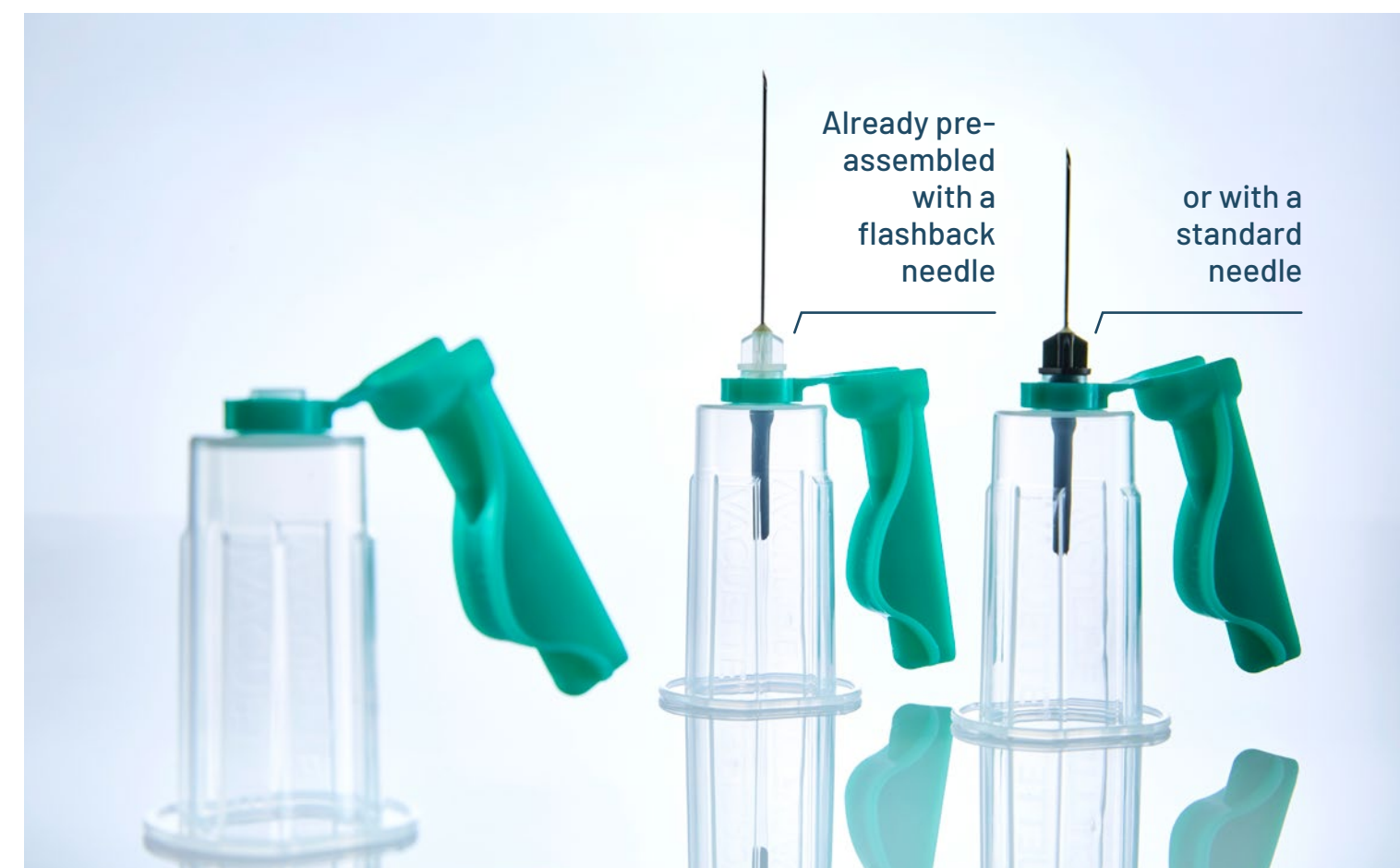
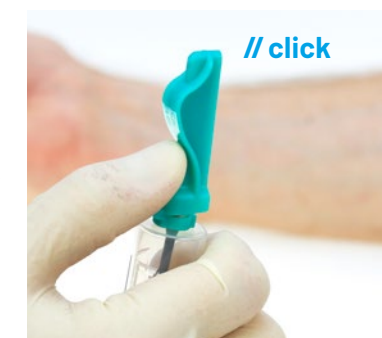
The VACUETTE® QUICKSHIELD Safety Tube Holder from Greiner Bio-One is especially suitable for routine blood collection. There is no change to the usual collection technique, and the safety shield is activated either one-handed using a solid surface or with the thumb or a finger.

This product can provide the user with the simplest handling and reliable infection protection. This safety tube holder can be combined with an extensive portfolio of Greiner Bio-One regular and flashback multi-sample needles or can be purchased already combined with the needle as a pre-assembled product.

1



2



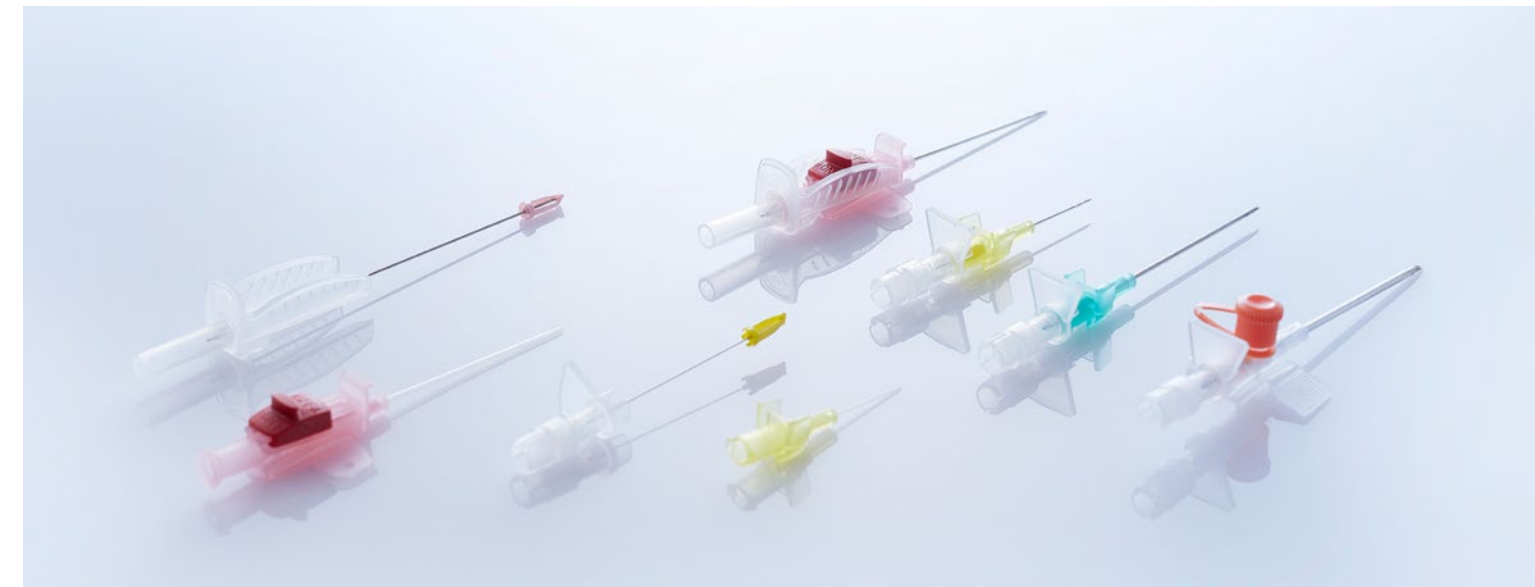
## IN OUR WIDE RANGE OF PRODUCTS

we also offer safety lancets for capillary blood collection

### SAFETY

#### Blood Collection Set

The SAFETY Blood Collection Set has been especially developed for patients with difficult vein conditions, but is also suitable for routine blood collection, as it offers the patient a particularly gentle collection comfort. As the protection mechanism is activated whilst the needle is still in the patient's vein, a high level of safety is ensured. Correct activation via retraction is indicated by an acoustic signal.

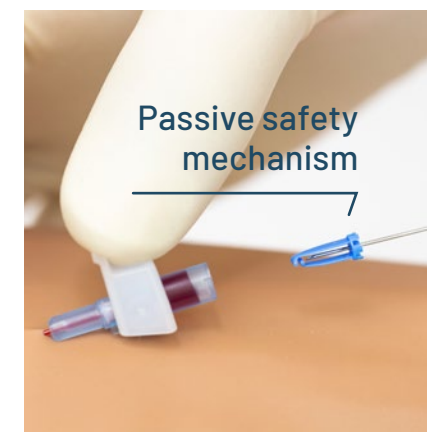


### CLiP® & SWiTCH

#### Automatic Safety Catheters

Our I.V. and arterial catheters are designed with the health-care professional's working environment in mind. Our focus is to provide products that are user friendly, safe, sharp and with a consistent quality, so you can focus less on worrying about needlestick injuries and more on giving the best care to your patients.

CLiP® Neo is an automatic safety I.V. catheter specifically designed for small veins primarily found in the neonatal, paediatric or elderly patient groups. CLiP® Winged and CLiP® Ported are automatic safety I.V. catheters with a comprehensive range, to meet demanding physical conditions and different clinical needs. SWiTCH is an automatic safety arterial catheter with flow switch that can offer safe and easy use with full blood control.



### STICK TO SAFETY

For more information, visit also our website [stick-to-safety.com](http://stick-to-safety.com)



# MORE PRODUCTS



Simply clipped  
onto the tube cap

## VACUETTE® ID Snap rings

VACUETTE® ID Snap Rings are a practical accessory product. The ID Snap Rings can help recognize tubes for special purposes at first glance. They are ideal for labelling the tubes intended for e.g. Sars-CoV-2, antibody screening or emergency samples.

The VACUETTE® ID Snap Rings fit all VACUETTE® 13mm and 16mm tube caps.

## VACUETTE® Transport Line

With the VACUETTE® Transport Line samples are kept cool and transported safely. Your staff gets protected against infectious sample material in a professional and easy to handle way and in full compliance with ADR/RID (packaging instruction P650), IATA-DG, ICAO-TI and IMDG code. The range includes transport boxes, transport containers as well as isothermal transport bags with optional cooling elements.

COMPLY WITH  
STANDARDS

ADR/RID, IATA-DG,  
ICAO-TI and  
IMDG code



VACUETTE®  
Transport Box

Carrier Bags

VACUETTE®  
Transport Container

Greiner Bio-One is your  
reliable partner even in  
challenging times.

For detailed information  
about our full product  
portfolio, visit our website.

## WE OFFER YOU EVERYTHING YOU NEED. NOT ONLY IN PREANALYTICS, BUT ALSO IN THE FIELD OF BIOSCIENCE.

Greiner Bio-One products are increasingly being used in vaccine and test development, and in acute SARS-CoV-2 diagnostics, for example.

With the VACUETTE® Virus Stabilization Tube in combination with VACUETTE® Transport Boxes the sample material arrives securely locked in the laboratory. Conventional VACUETTE® Blood Collection Tubes from Greiner Bio-One can be used for routine laboratory tests and antibody testing. But not only in Preanalytics

Greiner Bio-One offers relevant products. Also BioScience products are highly demanded during this pandemic. For COVID-19 vaccine development projects for example cell cultures play a significant role. Our company similarly manufactures and sells high-quality products in this area.

For detailed information about our full product portfolio, visit our website [www.gbo.com](http://www.gbo.com), have a look at our catalogue or contact your regional sales representative.

## FULL PRODUCT RANGE FOR YOUR SPECIAL NEEDS.

- / Virus sampling
- / Serology and routine laboratory sampling
- / Safety products
- / Transportation products
- / Many other products



## PRODUCT OVERVIEW

## VACUETTE® Virus Stabilization Tubes

Item No.	Volume	Cap colour	Ring Colour	Thread type	Tube size	Label type	Inner / Outer [Qty.]
456162	2ml	● red	○ white	PREMIUM	13 x 100	paper	50 / 1,200
456161	3ml	● red	○ white	PREMIUM	13 x 100	paper	50 / 1,200

## VACUETTE® CAT Serum Clot Activator Tubes

Item No.	Volume	Cap colour	Ring Colour	Thread type	Tube size	Label type	Inner / Outer [Qty.]
454092	4ml	● red	● black	PREMIUM	13 x 75	paper	50 / 1,200
454204	4ml	● red	● black	non-ridged	13 x 75	paper	50 / 1,200
456089	6ml	● red	● black	non-ridged	13 x 100	paper	50 / 1,200

## VACUETTE® CAT Serum Separator Clot Activator Tubes

Item No.	Volume	Cap colour	Ring Colour	Thread type	Tube size	Label type	Inner / Outer [Qty.]
454067	3.5ml	● red	● yellow	non-ridged	13 x 75	paper	50 / 1,200
456073	5ml	● red	● yellow	non-ridged	13 x 100	paper	50 / 1,200
455071	8ml	● red	● yellow	non-ridged	16 x 100	paper	50 / 1,200

## VACUETTE® LH Lithium Heparin Tubes

Item No.	Volume	Cap colour	Ring Colour	Thread type	Tube size	Label type	Inner / Outer [Qty.]
454237	2ml	● green	○ white	non-ridged	13 x 75	paper	50 / 1,200
474084	4ml	● green	● black	PREMIUM	13 x 75	plastic lucent	50 / 1,200
455222	4ml	● green	● black	non-ridged	16 x 100	paper	50 / 1,200
456088	6ml	● green	● black	non-ridged	13 x 100	paper	50 / 1,200

## VACUETTE® LH Lithium Heparin Separator Tubes

Item No.	Volume	Cap colour	Ring Colour	Thread type	Tube size	Label type	Inner / Outer [Qty.]
454083	3.5ml	● green	● yellow	PREMIUM	13 x 75	paper	50 / 1,200
455229	4ml	● green	● yellow	non-ridged	16 x 100	paper	50 / 1,200
456087	5ml	● green	● yellow	non-ridged	13 x 100	paper	50 / 1,200

## VACUETTE® K2E K2EDTA Tubes

Item No.	Volume	Cap colour	Ring Colour	Thread type	Tube size	Label type	Inner / Outer [Qty.]
454024	2ml	● lavender	○ white	PREMIUM	13 x 75	paper	50 / 1,200
454020	3ml	● lavender	● black	PREMIUM	13 x 75	paper	50 / 1,200
454023	4ml	● lavender	● black	PREMIUM	13 x 75	paper	50 / 1,200

## VACUETTE® K2E K2EDTA Separator Tubes

Item No.	Volume	Cap colour	Ring Colour	Thread type	Tube size	Label type	Inner / Outer [Qty.]
456058	5ml	○ white	● yellow	non-ridged	13x100	paper	50 / 1,200

## VACUETTE® K3E K3EDTA Tubes

Item No.	Volume	Cap colour	Ring Colour	Thread type	Tube size	Label type	Inner / Outer [Qty.]
454087	2ml	● lavender	○ white	PREMIUM	13 x 75	paper	50 / 1,200
454086	3ml	● lavender	● black	PREMIUM	13 x 75	paper	50 / 1,200
454036	4ml	● lavender	● black	PREMIUM	13 x 75	paper	50 / 1,200

## VACUETTE® Super-T Disposable Tourniquet

Item No.	Length	Inner / Outer [Qty.]
840056	450mm	80 / 160

## VACUETTE® QUICKSHIELD Safety Tube Holder

Item No.	Inner / Outer [Qty.]
450230	50 / 1,000

## VACUETTE VISIO PLUS Needles

Item No.	Needle gauge	Colour code	Needle length	Needle length	Inner / Outer [Qty.]
450040	21G	● green	1.5"	38mm	2,000 / 6,000
450041	22G	● black	1.5"	38mm	2,000 / 6,000

VACUETTE® QUICKSHIELD Complete

Item No.	Needle gauge	Colour code	Needle length	Needle length	Inner / Outer [Qty.]
450237V1	21G	● green	1.5"	38mm	30 / 300

VACUETTE® QUICKSHIELD Complete PLUS

Item No.	Needle gauge	Colour code	Needle length	Needle length	Inner / Outer [Qty.]
450239V1	21G	● green	1.5"	38mm	30 / 300
450228V1	22G	● black	1.5"	38mm	30 / 300

SAFETY Blood Collection Sets + Luer Adapter

Item No.	Needle gauge	Colour code	Tubing length	Tubing length	Inner / Outer [Qty.]
450081	21G	● green	7.5"	190mm	50 / 1,000
450082	23G	● blue	7.5"	190mm	50 / 1,000

SAFETY Blood Collection Sets + Holder

Item No.	Needle gauge	Colour code	Tubing length	Tubing length	Inner / Outer [Qty.]
450085	21G	● green	7.5"	190mm	24 / 240
450086	23G	● blue	7.5"	190mm	24 / 240

SAFETY Blood Collection Sets + Blood Culture Holder

Item No.	Needle gauge	Colour code	Tubing length	Tubing length	Inner / Outer [Qty.]
450182	21G	● green	7.5"	190mm	24 / 240
450183	23G	● blue	7.5"	190mm	24 / 240

CLiP® Neo Automatic Safety I.V. Catheter

Item No.	Needle gauge	Colour code	Needle length	Catheter material	Flow rate [ml/min]	Inner / Outer [Qty.]
NW241901	24G	● yellow	19mm	FEP	22	50 / 1,000
NW261901	26G	● lilac	19mm	FEP	15	50 / 1,000

CLiP® Winged Automatic Safety I.V. Catheter

Item No.	Needle gauge	Colour code	Needle length	Catheter material	Flow rate [ml/min]	Inner / Outer [Qty.]
VW184511	18G	● green	45mm	PUR	100	50 / 1,000
VW203211	20G	● pink	32mm	PUR	64	50 / 1,000

CLiP® Ported Automatic Safety I.V. Catheter

Item No.	Needle gauge	Colour code	Needle length	Catheter material	Flow rate [ml/min]	Inner / Outer [Qty.]
VP184511	18G	● green	45mm	PUR	100	50 / 1,000
VP203211	20G	● pink	32mm	PUR	64	50 / 1,000

SWiTCH Automatic Safety Arterial Catheter

Item No.	Needle gauge	Colour code	Needle length	Catheter material	Flow rate [ml/min]	Inner / Outer [Qty.]
SW204501	20G	● pink	45mm	FEP	49	25 / 250
SW223501	22G	● blue	35mm	FEP	27	25 / 250

VACUETTE® ID Snap Rings Starter Kit

Item No.	Inner / Outer [Qty.]
458710	1,000 / 5,000

VACUETTE® Transport Box

Item No.	Description	Inner / Outer [Qty.]
472040	incl. Foam Insert for 40 Tubes, without Transport Carton HK0190	1 / 10

VACUETTE® Transport Container

Item No.	Description	Inner / Outer [Qty.]
800110	incl. Foam Insert for 12 Tubes, without Transport Carton HK0259	1 / 12

Transport Bags

Item No.	Description	Inner / Outer [Qty.]
472023	Carrier Bag for 3 pieces VACUETTE® Transport Boxes Isotherm, medium, dark blue	1 / 4
472030	Carrier Bag for 2 pieces VACUETTE® Transport Boxes Isotherm, medium, dark blue	1 / 8
472022	Carrier Bag for 1 piece VACUETTE® Transport Container Isotherm, small, dark blue	1 / 50

MORE PRODUCTS



# making a difference

[www.gbo.com](http://www.gbo.com)

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**GREINER BIO-ONE IS A GLOBAL PLAYER.**  
FIND THE CONTACT DETAILS OF YOUR  
LOCAL PARTNER ON OUR WEBSITE.



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