

making a difference



WE TAKE CARE OF YOUR SAFETY

VACUETTE®

Safety products

Greiner Bio-One has a wide range of safety products for different requirements.



greiner
BIO-ONE

The consequences of a needlestick injury can have far-reaching implications for the professional and personal situation of the person affected and their family.



One of the most effective ways to protect yourself is to use safety products.

NEEDLESTICK INJURIES ARE HISTORY

A large number of all infectious diseases acquired at work in the healthcare sector can be attributed to puncture injuries. Needlestick injuries pose by far the highest risk of infection.

More than 50% of all registered cases concern nursing staff, followed by doctors and laboratory staff.

However, this does not mean that needlestick injuries represent an unavoidable occupational risk. The correct use of VACUETTE® safety products can virtually eliminate this risk.

VACUETTE® safety products comply with the EU Directive (EU 2010/32).

WE TAKE CARE OF YOUR SAFETY.

- / Wide range of safety products.
- / Different products depending on the application.
- / The right safety product for every situation.

THE RIGHT SAFETY PRODUCT FOR EVERY SITUATION

We offer an extensive range of safety products, allowing the most suitable products to be selected for every market and customer. At Greiner Bio-One, you will find the optimal product for your individual needs as well as every level of

safety: from a simple safety product to a premium product.

On the following pages you will find an overview of our products that enable you to optimally protect yourself against needlestick injuries.

SAFETY FOR EVERY LEVEL

and individual needs

GREINER BIO-ONE PRODUCT OPTIONS

You will find the right product in our range for every level of safety. From products without a safety mechanism to premium safety products, we have the right product for your individual needs.



Standard venipuncture.

We recommend using our VACUETTE® QUICKSHIELD Complete PLUS for daily blood collection.

VACUETTE® QUICKSHIELD Complete PLUS



Difficult vein conditions.

All of our safety blood collection sets are suitable even for patients with difficult vein conditions. Our premium product VACUETTE® EVOPROTECT ensures particularly gentle blood collection.

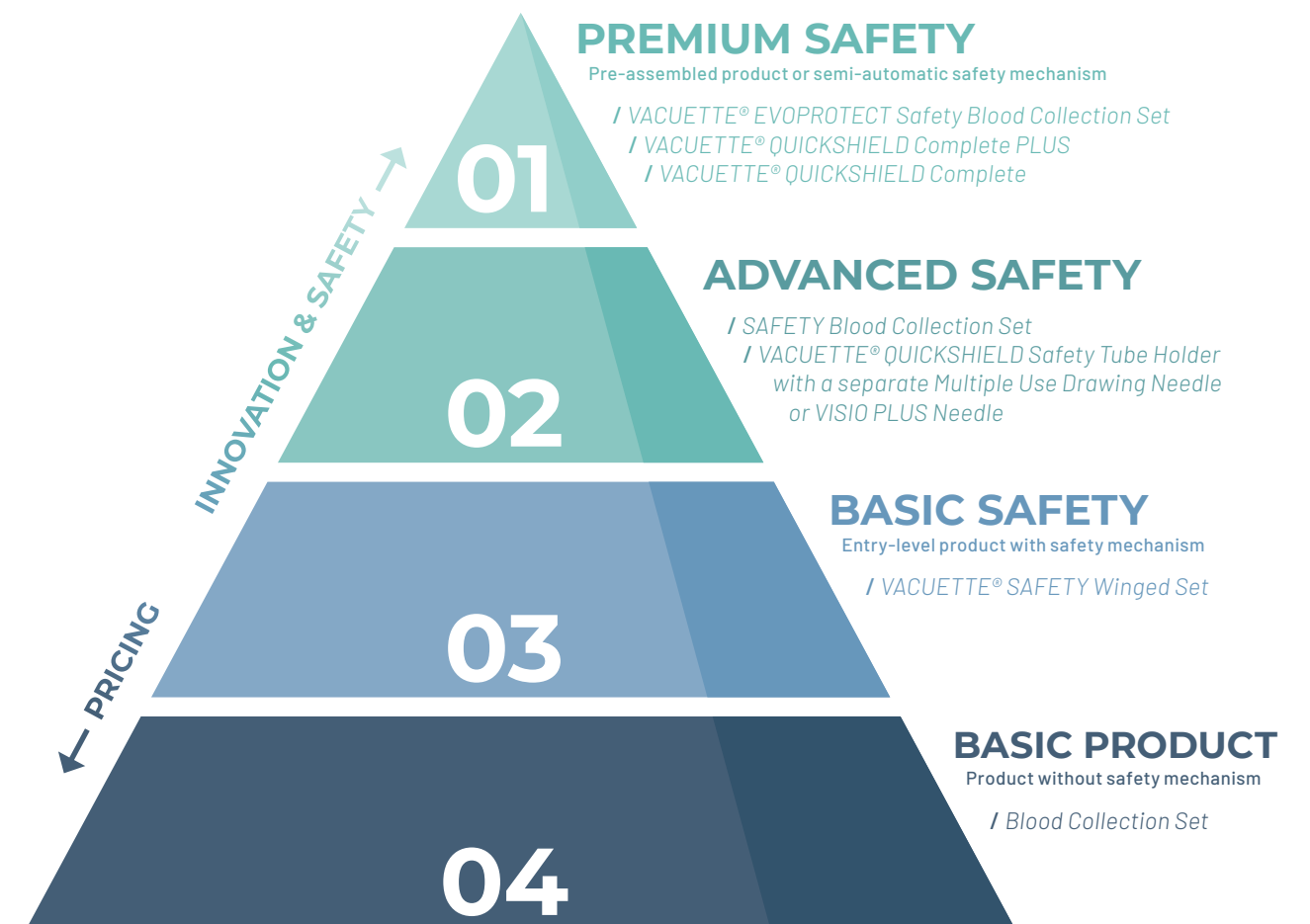
VACUETTE® EVOPROTECT or SAFETY Blood Collection Set or VACUETTE® Safety Winged Set (21G or 23G)



Blood cultures.

For the collection of blood cultures, we recommend the safety blood collection set with the pre-assembled blood culture holder.

SAFETY Blood Collection Set with Blood Culture Holder (21G or 23G)



FIND THE RIGHT SAFETY PRODUCT QUICKLY AND EASILY

In the following overview, you can see at a glance which features the selected product offers you and what level of safety it provides. This enables you to make the best possible choice for your needs.

		Safety device	Semi-automatic needle retraction	In-vein activation	One-handed activation	Pre-assembled product	Flash window indicating blood flow	Shield can be re-positioned	Blood collection & infusion with the same set	Extra thin walled needle (increased flow rate)	Virtually no memory effect	Free from natural rubber latex	DEHP free
01	VACUETTE® EVOPROTECT Safety Blood Collection Set	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
	VACUETTE® QUICKSHIELD Complete PLUS	✓			✓	✓	✓	✓				✓	✓
	VACUETTE® QUICKSHIELD Complete	✓			✓	✓		✓				✓	✓
02	SAFETY blood collection set	✓		✓	✓	✓	✓				✓	✓	✓
	VACUETTE® QUICKSHIELD Safety Tube Holder with VISIO PLUS Needle	✓			✓		✓	✓				✓	✓
	VACUETTE® QUICKSHIELD Safety Tube Holder with Multiple Use Drawing Needle	✓			✓			✓				✓	✓
03	VACUETTE® Safety Winged Set	✓			✓	✓						✓	✓
04	Blood collection set					✓					✓	✓	
	Standard holder with needle						✓					✓	✓

* 21G and 23G



Learn more about our safety products here: powerforsafety.com



Needlestick injuries can be avoided with safety products. Protect yourself!



A protective shield
keeps the needle safe
after activation, protecting
from needlestick injuries.



FOR DAILY BLOOD COLLECTION ROUTINES

VACUETTE® QUICKSHIELD
Safety Tube Holder

The ergonomic
design of the
holder ensure a
good grip during
puncturing.

NO CHANGE TO THE COLLECTION TECHNIQUE

The VACUETTE® QUICKSHIELD Safety Tube Holder by Greiner Bio-One can be used either with VACUETTE® Multiple Use Drawing Needles or with VACUETTE® VISIO PLUS Needles. With our VACUETTE® QUICKSHIELD Complete and VACUETTE® QUICKSHIELD Complete PLUS, the needles are already assembled.

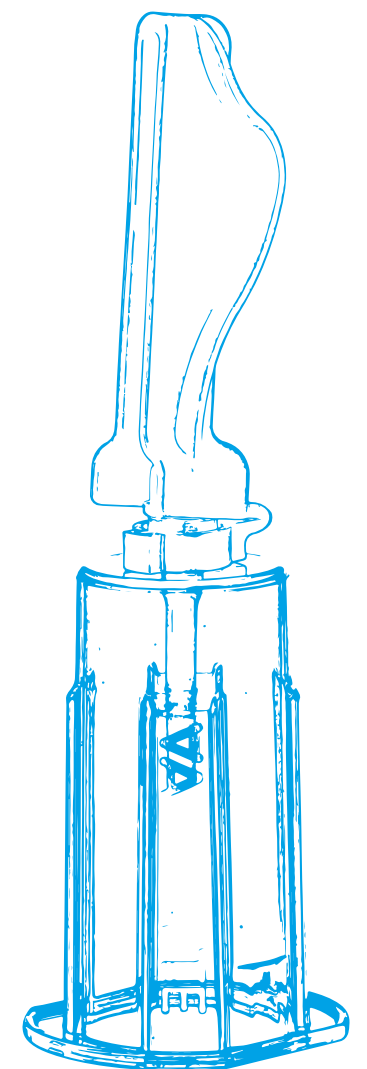
The protective shield is attached directly to the holder.

Thanks to the one-handed activation of the protective shield with the aid of a stable surface or the finger or thumb, this product is a winner with its easy handling and extensive protection against injury and infection.

The VACUETTE® QUICKSHIELD Safety Tube Holder offers protection against needlestick injuries with no change to collection technique.

PROTECTIVE SHIELD FOR GREATER SAFETY.

- / No change to the collection technique.
- / More flexibility with regard to user and patient-specific requirements thanks to its rotational safety shield.
- / Activation of the safety shield indicated by an audible and tactile click.



EASILY
SAVE TIME

with the pre-
assembled VISIO
PLUS Needle

PLEASE
OBSERVE THE
INSTRUCTIONS
FOR USE
at www.gbo.com

THE COMBINED PRODUCT

VACUETTE® QUICKSHIELD HOLDER PRE-ASSEMBLED WITH THE NEEDLE

As a combination product with a pre-assembled needle, the safety tube holder comes individually packed in sterile blister packaging.

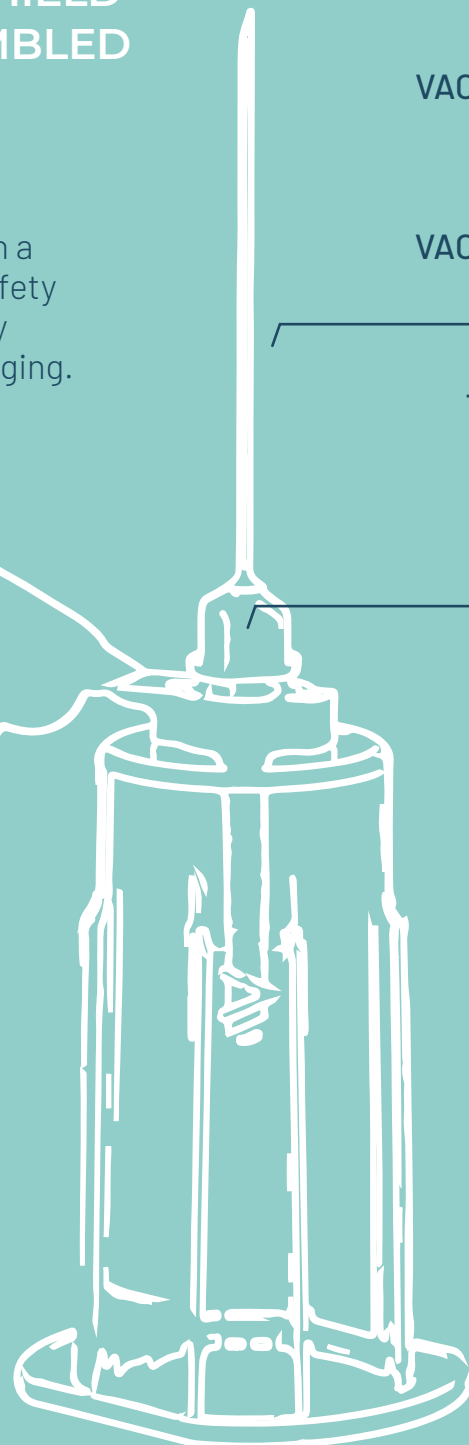
either:
VACUETTE® QUICKSHIELD
Complete*

or:
VACUETTE® QUICKSHIELD
Complete PLUS**

The VISIO PLUS needle
has a transparent
view window for
optical control during
venipuncture

Safety shield can
be positioned in
any direction

VACUETTE® QUICKSHIELD
Safety Tube Holder



* pre-assembled
with VACUETTE®
Multiple Use
Drawing Needle

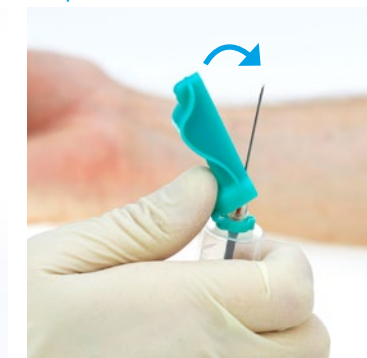
** pre-assembled
with VACUETTE®
VISIO PLUS Needle

ACTIVATING THE SAFETY MECHANISM

Option 1



Option 2



1

Activate the safety
mechanism **either**
on a stable surface
or with your finger
or thumb.

2

A **click** can be
heard as soon as
the shield is safely
activated.

IMPROVED SAFETY

Once the shield is
in place, the needle
is securely and
irreversibly
enclosed.



The ideal starter product
when it comes to minimising
needlestick injuries.



THE FIRST STEP TO SAFETY

VACUETTE®
SAFETY Winged Set

In the activated
position, the safety
mechanism protects
against unintentional
needlesticks.

REDUCE THE RISK OF NEEDLESTICK INJURY

The VACUETTE® SAFETY Winged Set is a sterile, plastic winged blood collection set. The set consists of a stainless steel needle, colour-coded wings according to needle size, flexible tubing and a plastic safety cover.

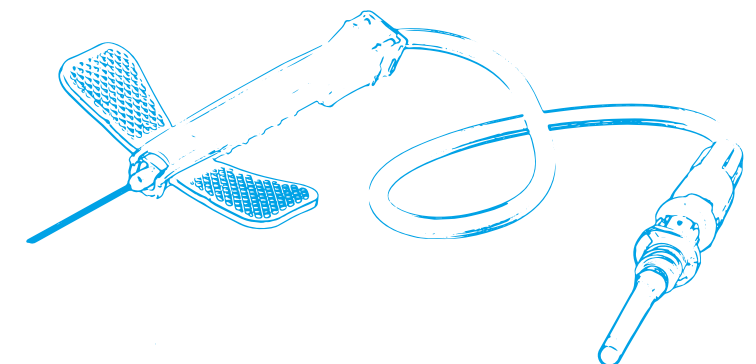
The version without Luer adapter or pre-assembled holder is also suitable for the

single-use short-term infusion of intravenous fluids.

Each product is equipped with a safety mechanism to reduce the risk of needlestick injuries. After blood collection is completed, the needle is carefully removed from the patient's vein and the safety mechanism is activated immediately afterwards.

COMFORTABLE HANDLING.

- / Flexible wings ensure good grip on the patient's skin and a comfortable puncture.
- / The transparent design ensures good visualisation of blood flow.
- / The needle is thin-walled and beneficial for blood flow.



OPTIONALLY
AVAILABLE

with or without the
pre-assembled
holder

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at www.gbo.com

SIMPLE SAFETY SYSTEM

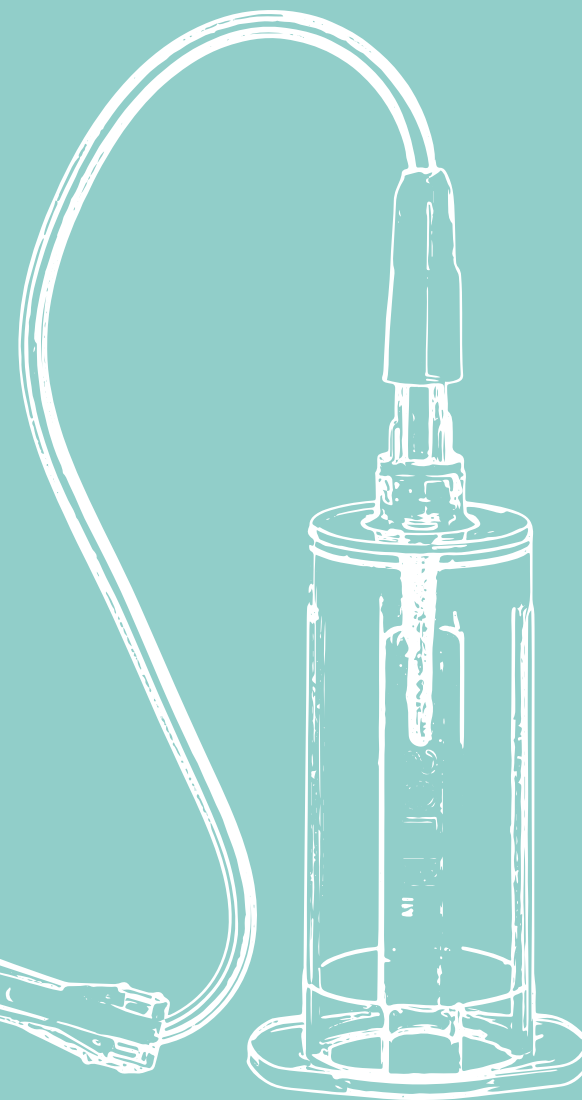
VACUETTE® SAFETY WINGED SET

The VACUETTE® Safety Winged Set is available with a Luer adapter or with a pre-assembled holder, in the needle sizes 21, 23 or 25 G and with a tubing length of 18 or 30 cm.

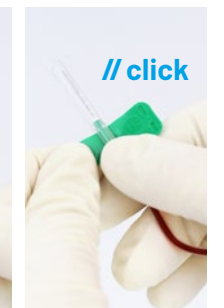
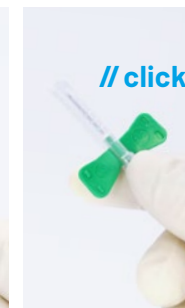
Made without latex and DEHP

The needle is thin-walled and beneficial for blood flow

Transparent design provides good visualisation of blood flow



THREE OPTIONS FOR ACTIVATING THE SAFETY MECHANISM



One-handed activation

After use, **hold the tubing and slide the plastic protective shield over the needle** with the same hand.

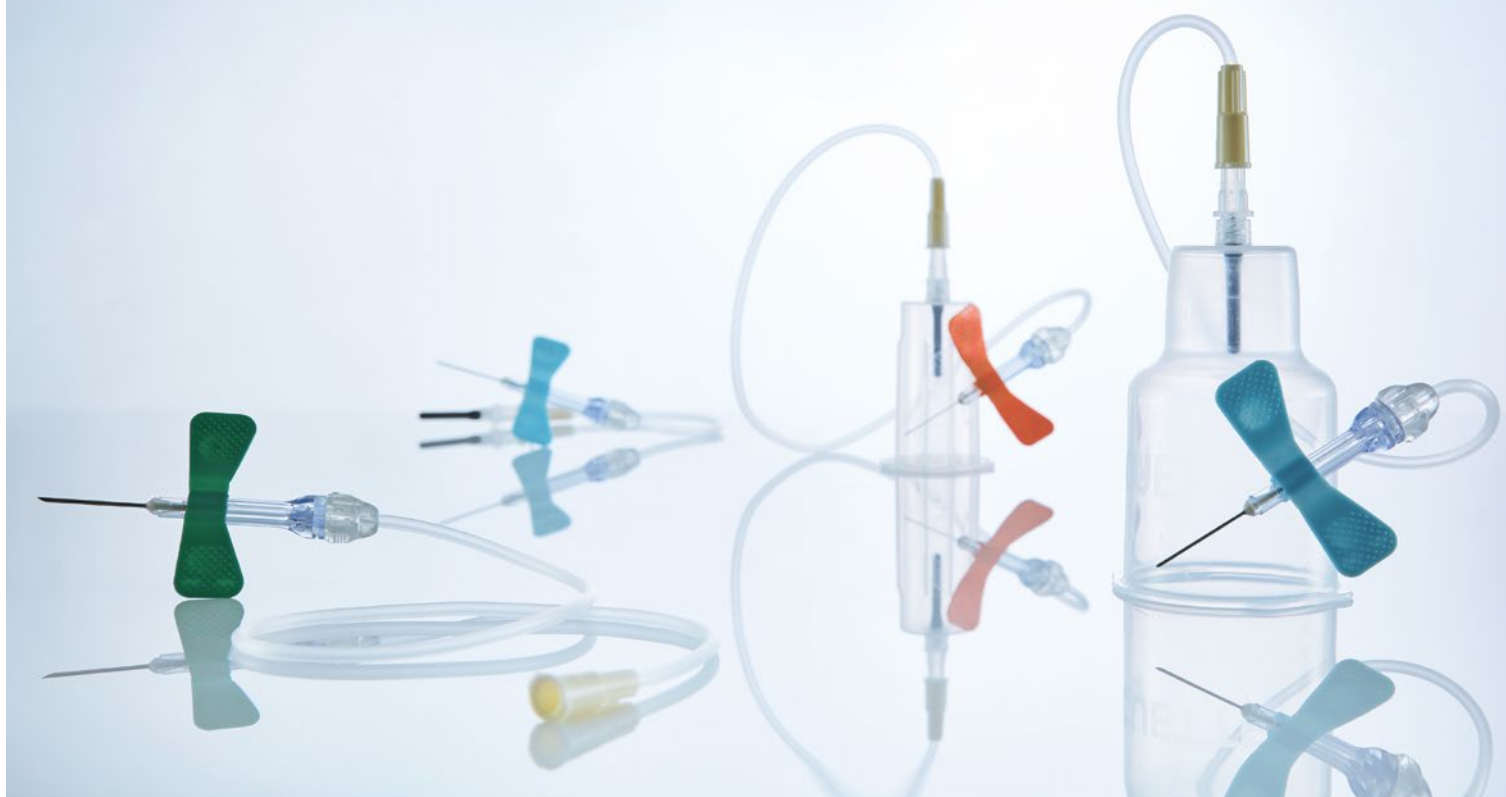
Two-handed activation

After use, **pull back the tubing while holding the protective shield by the grip** (widened part of the plastic housing) until the needle is enclosed.

Two-handed activation

After use, **hold the wings with one hand and slide the protective shield by the grip** (widened part of the plastic housing) **over the needle** with the other hand.

The SAFETY Blood Collection Set
offers the patient particularly
gentle collection comfort.



NOT ONLY FOR DIFFICULT VEIN CONDITIONS

SAFETY
Blood collection set

The ergonomic product
is individually packed.
It is easy to open and
produces little waste.

A HIGH LEVEL OF SAFETY

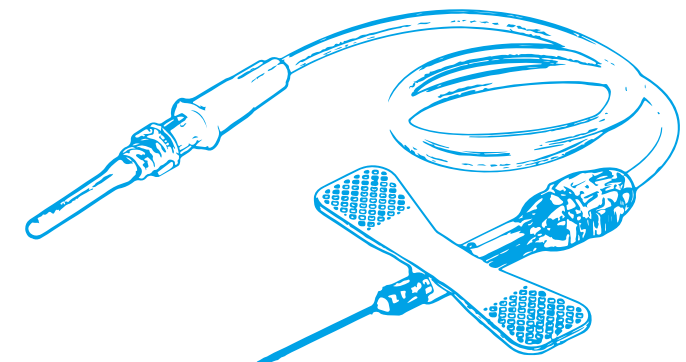
This product provides a high degree of safety as the safety mechanism is activated while the cannula is still inside the vein. Correct activation by the user is indicated by a clearly audible click. The safety blood collection set thereby provides the best possible protection against needlestick injuries. Visual inspection of the venipuncture through a

transparent view window also increases puncture safety. The set can be used for blood collection or infusions for up to five hours.*

The safety blood collection set is a sterile, single-use winged needle, connected to a flexible tubing, with or without a Luer adapter or a Luer adapter with a holder.

INTUITIVE PRODUCT DESIGN.

- / A view window between the needle and the tubing can be used to see if the puncture was successful.
- / Tubing with different lengths offers more flexibility in blood collection.
- / Simple activation of the safety mechanism.



VERSATILE USE

for blood collection
or infusion*
(up to 5 hours)

PLEASE
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INSTRUCTIONS
FOR USE
at www.gbo.com

FOUR PRODUCT VARIATIONS

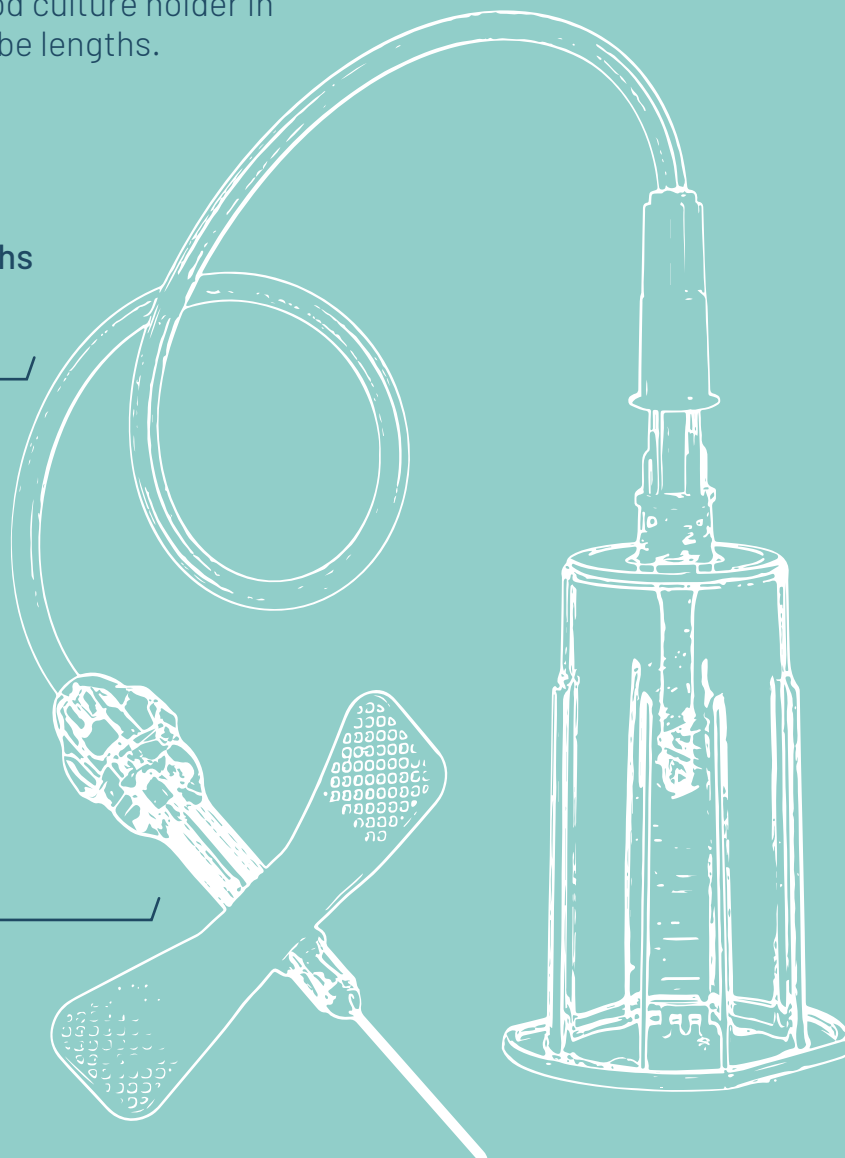
SAFETY BLOOD COLLECTION SET

As a practical combination product, you can choose the SAFETY blood collection set either as an infusion set or pre-assembled with a Luer adapter, holder or blood culture holder in various needle sizes and tube lengths.

Pre-assembled
combination products in
sterile blister packaging

Tubing with different lengths
offers more flexibility in
blood collection

A view window between
the needle and the tubing
can be used to see if the
puncture was successful



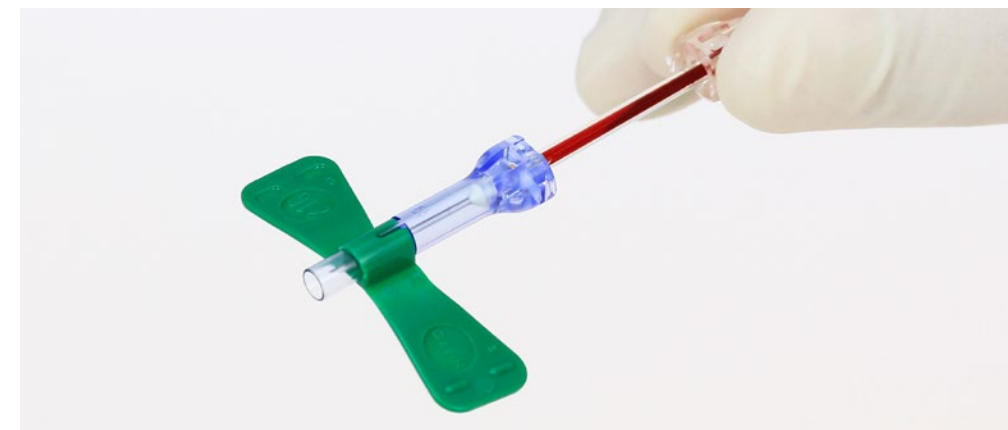
EASY ACTIVATION OF THE SAFETY MECHANISM



Activate the safety
mechanism by **pressing**
lightly on both sides of the
shield.



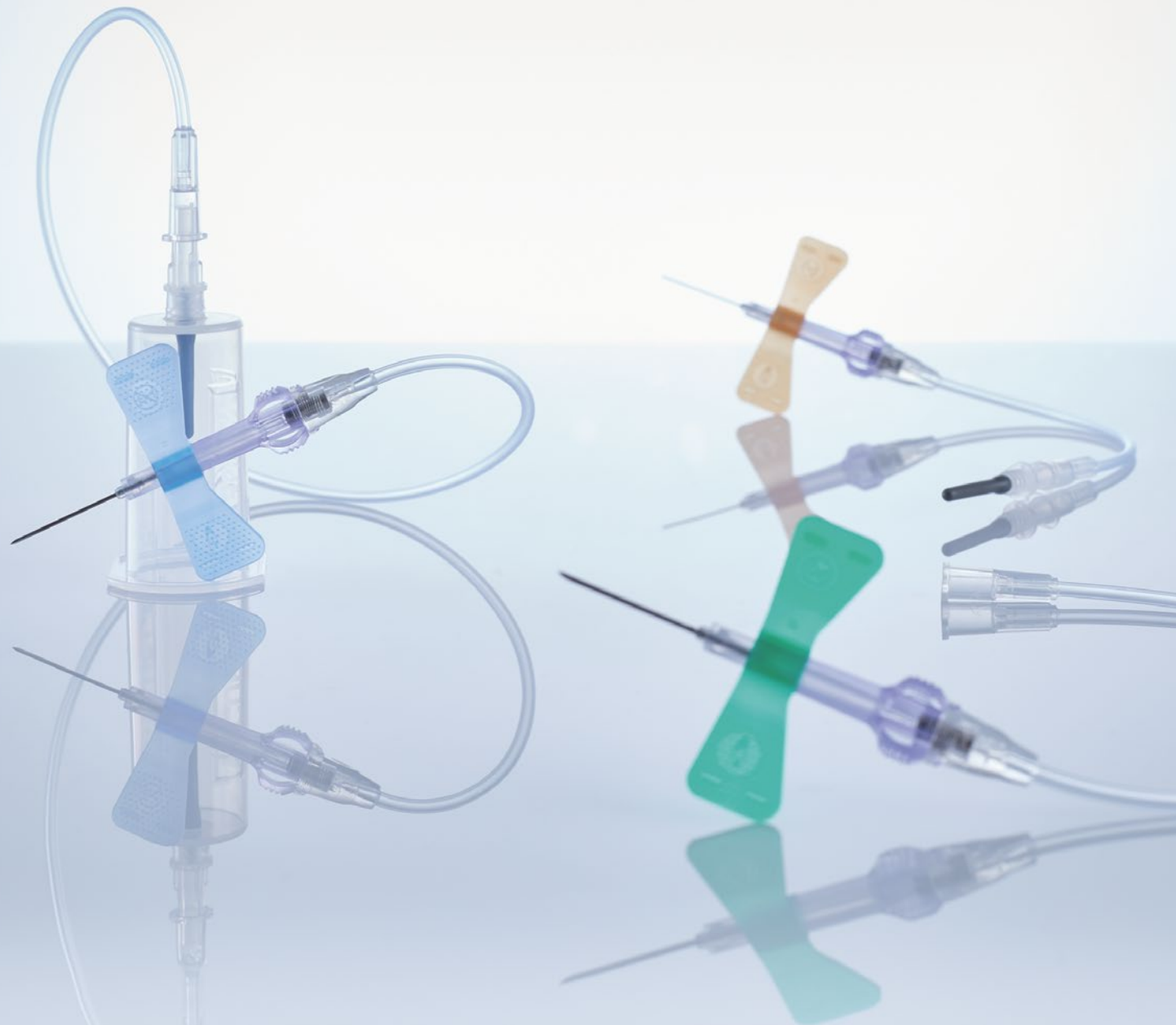
Then **pull back the light**
area. Correct activation is
indicated by an audible **click**.



IMPROVED SAFETY

The needle is
securely and
irreversibly
enclosed for
maximum safety.

The next stage of evolution
in blood collection.



THE GENTLE TOUCH

VACUETTE® EVOPROTECT
SAFETY blood collection set

The product may
be used for blood
collection and
subsequent short-
term infusion for
up to 4 hours.

THE NEXT EVOLUTION OF SAFETY

The semi-automatic spring mechanism protects you from the risk of needlestick injury and makes your daily work easier. Any needlestick injury is one too many.

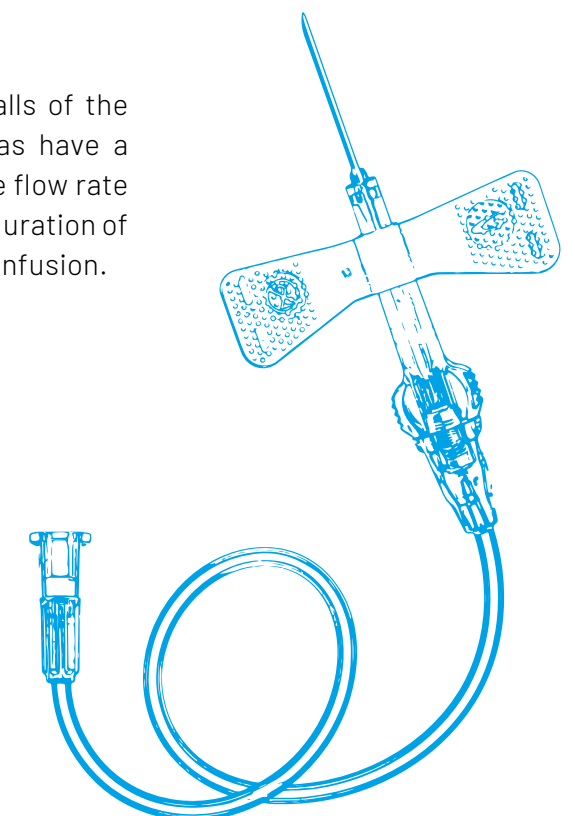
The VACUETTE® EVOPROTECT Safety Blood Collection Set is exceptionally comfortable and intuitive to use. It consists of a winged needle with a safety mechanism, which is

suitable for one-handed activation thanks to the special design. Activating the safety mechanism while the needle is still in the vein largely eliminates the risk of needlestick injuries.

Extra-thin needle walls of the 21G and 23G cannulas have a positive effect on the flow rate and thus also on the duration of blood collection and infusion.

SEMI-AUTOMATIC SAFETY MECHANISM.

- / A clearly audible click confirms successful activation.
- / The needle is then retracted and, at the same time, safely and irreversibly enclosed in the product casing.



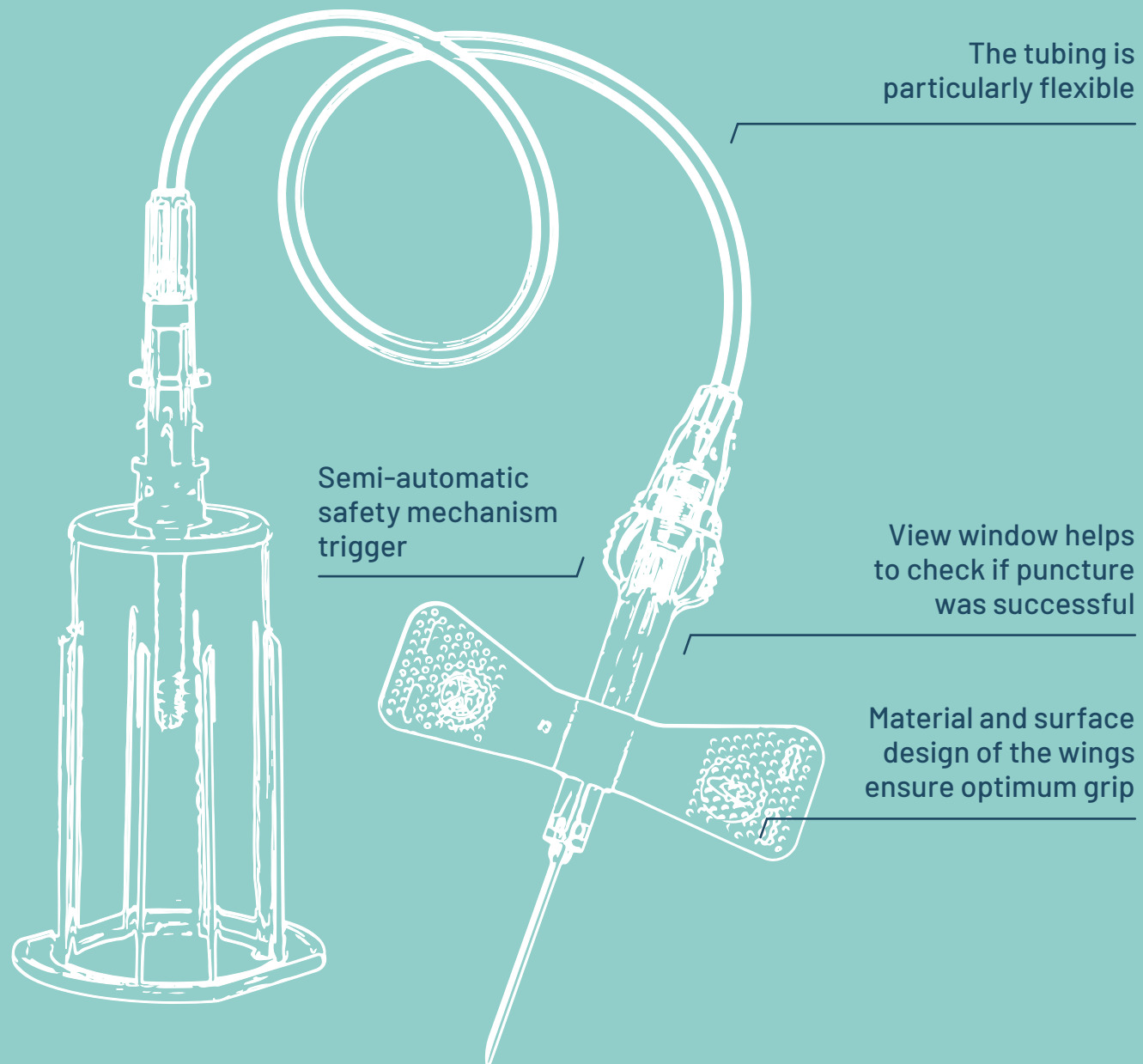
USER-FRIENDLY

thanks to optimal
design for intuitive
handling

THE NEXT STAGE OF EVOLUTION

VACUETTE® EVOPROTECT

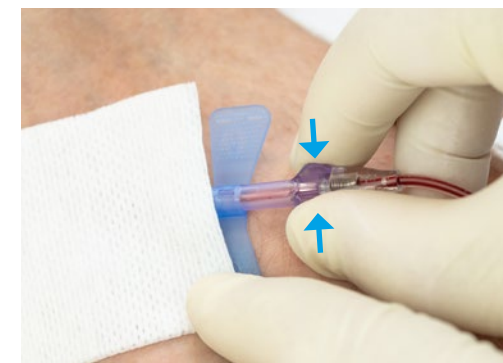
The trigger of the patented semi-automatic safety mechanism is located on the side of the product, facilitating one-handed activation of the mechanism that is as gentle as possible for the patient.



PLEASE OBSERVE THE INSTRUCTIONS FOR USE

at www.gbo.com

MAXIMUM SAFETY IN USE



1

Activate the safety mechanism with one hand by **pressing the blue release buttons**. Take care not to hinder the automatic retraction.



2

After the needle has retracted automatically, you will hear a **click**. This indicates correct and successful activation of the safety mechanism.



THE SPRING MECHANISM

allows semi-automatic activation while the needle is still in the patient's vein.



SAFETY FOR EVERY LEVEL

You will find the right product in our range for every level of safety. From entry-level products to premium safety products with a semi-automatic safety mechanism.



PERSONAL ADVICE

Our sales representatives will be happy to advise you at any time if you have any questions about our products and their application. Together you will find the right product for your individual needs.



TRAINING OPPORTUNITIES

We offer a wide range of training options for the correct handling of our products. In person or virtually with our application experts or in webinars or e-learning courses online on our website.

shop.gbo.com

Find these and more products in our online shop

PRODUCT OVERVIEW

VACUETTE® QUICKSHIELD Safety Tube Holder

Item no.	Qty. inner / outer
450230	50 / 1,000

VACUETTE® QUICKSHIELD Complete

Item no.	Colour code	Needle size	Needle length	Needle length	Needle wall type	Qty. inner / outer
450238V1	● green	21 G	1 "	25 mm	thin wall	30 / 360
450237V1	● green	21 G	1.5 "	38 mm	thin wall	30 / 360

VACUETTE® QUICKSHIELD Complete PLUS

Item no.	Colour code	Needle size	Needle length	Needle length	Needle wall type	Qty. inner / outer
450235V1	● green	21 G	1 "	25 mm	thin wall	30 / 360
450239V1	● green	21 G	1.5 "	38 mm	thin wall	30 / 360
450226V1	● black	22 G	1 "	25 mm	thin wall	30 / 360
450228V1	● black	22 G	1.5 "	38 mm	thin wall	30 / 360

VACUETTE® SAFETY Winged Set Blood Collection/Infusion

Item no.	Colour code	Needle size	Needle length	Needle wall type	Tubing length	Tubing length	Qty. inner / outer
451091	● green	21 G	19 mm	thin wall	7 "	18 cm	50 / 200
451092	● blue	23 G	19 mm	thin wall	7 "	18 cm	50 / 200

Minimum order quantities and longer lead times may apply for this product.

VACUETTE® SAFETY Winged Set + Luer Adapter

Item no.	Colour code	Needle size	Needle length	Needle wall type	Tubing length	Tubing length	Qty. inner / outer
451081	● green	21 G	19 mm	thin wall	7 "	18 cm	50 / 200
451082	● blue	23 G	19 mm	thin wall	7 "	18 cm	50 / 200
451090	● orange	25 G	19 mm	thin wall	7 "	18 cm	50 / 200
451095	● green	21 G	19 mm	thin wall	12 "	30 cm	50 / 200
451096	● blue	23 G	19 mm	thin wall	12 "	30 cm	50 / 200
451099	● orange	25 G	19 mm	thin wall	12 "	30 cm	50 / 200

Minimum order quantities and longer lead times may apply for this product.

VACUETTE® SAFETY Winged Set + Holder

Item no.	Colour code	Needle size	Needle length	Needle wall type	Tubing length	Tubing length	Qty. inner / outer
451085	● green	21 G	19 mm	thin wall	7 "	18 cm	25 / 200
451086	● blue	23 G	19 mm	thin wall	7 "	18 cm	25 / 200
451160	● green	21 G	19 mm	thin wall	12 "	30 cm	25 / 200
451161	● blue	23 G	19 mm	thin wall	12 "	30 cm	25 / 200

Minimum order quantities and longer lead times may apply for this product.

SAFETY Blood Collection/Infusion Set

Item no.	Colour code	Needle size	Needle length	Needle wall type	Tubing length	Tubing length	Qty. inner / outer
450091	● green	21 G	19 mm	thin wall	7.5 "	19 cm	50 / 1,000
450191	● green	21 G	19 mm	thin wall	12 "	30 cm	50 / 1,000
450092	● blue	23 G	19 mm	thin wall	7.5 "	19 cm	50 / 1,000
450090	● orange	25 G	19 mm	thin wall	7.5 "	19 cm	50 / 1,000

SAFETY Blood Collection Set + Luer Adapter

Item no.	Colour code	Needle size	Needle length	Needle wall type	Tubing length	Tubing length	Qty. inner / outer
450083	● green	21 G	19 mm	thin wall	4 "	10 cm	50 / 1,000
450081	● green	21 G	19 mm	thin wall	7.5 "	19 cm	50 / 1,000
450095	● green	21 G	19 mm	thin wall	12 "	30 cm	50 / 1,000
450084	● blue	23 G	19 mm	thin wall	4 "	10 cm	50 / 1,000
450082	● blue	23 G	19 mm	thin wall	7.5 "	19 cm	50 / 1,000
450096	● blue	23 G	19 mm	thin wall	12 "	30 cm	50 / 1,000
450099	● orange	25 G	19 mm	thin wall	12 "	30 cm	50 / 1,000

SAFETY Blood Collection Set + Holder

Item no.	Colour code	Needle size	Needle length	Needle wall type	Tubing length	Tubing length	Qty. inner / outer
450087	● green	21 G	19 mm	thin wall	4 "	10 cm	24 / 240
450085	● green	21 G	19 mm	thin wall	7.5 "	19 cm	24 / 240
450160	● green	21 G	19 mm	thin wall	12 "	30 cm	24 / 240
450088	● blue	23 G	19 mm	thin wall	4 "	10 cm	24 / 240
450086	● blue	23 G	19 mm	thin wall	7.5 "	19 cm	24 / 240
450161	● blue	23 G	19 mm	thin wall	12 "	30 cm	24 / 240

SAFETY Blood Collection Set + Blood Culture Holder

Item no.	Colour code	Needle size	Needle length	Needle wall type	Tubing length	Tubing length	Qty. inner / outer
450182	● green	21 G	19 mm	thin wall	7.5 "	19 cm	24 / 240
450183	● blue	23 G	19 mm	thin wall	7.5 "	19 cm	24 / 240
450184	● green	21 G	19 mm	thin wall	12 "	30 cm	24 / 240
450185	● blue	23 G	19 mm	thin wall	12 "	30 cm	24 / 240

VACUETTE® EVOPROTECT SAFETY Blood Collection/Infusion Set

Item no.	Colour code	Needle size	Needle length	Needle wall type	Tubing length	Tubing length	Qty. inner / outer
450120	● green	21 G	19 mm	extra thin wall	7.5 "	19 cm	60 / 1,080
450121	● blue	23 G	19 mm	extra thin wall	7.5 "	19 cm	60 / 1,080

VACUETTE® EVOPROTECT SAFETY Blood Collection Set + Luer Adapter

Item no.	Colour code	Needle size	Needle length	Needle wall type	Tubing length	Tubing length	Qty. inner / outer
450127	● green	21 G	19 mm	extra thin wall	7.5 "	19 cm	60 / 1,080
450128	● green	21 G	19 mm	extra thin wall	12 "	30 cm	60 / 1,080
450129	● blue	23 G	19 mm	extra thin wall	7.5 "	19 cm	60 / 1,080
450130	● blue	23 G	19 mm	extra thin wall	23 "	30 cm	60 / 1,080
450132	● orange	25 G	19 mm	thin wall	12 "	30 cm	60 / 1,080

VACUETTE® EVOPROTECT SAFETY Blood Collection Set + Holder

Item no.	Colour code	Needle size	Needle length	Needle wall type	Tubing length	Tubing length	Qty. inner / outer
450122	● green	21 G	19 mm	extra thin wall	7.5 "	19 cm	30 / 540
450123	● green	21 G	19 mm	extra thin wall	12 "	30 cm	30 / 540
450125	● blue	23 G	19 mm	extra thin wall	7.5 "	19 cm	30 / 540
450126	● blue	23 G	19 mm	extra thin wall	12 "	30 cm	30 / 540

making a difference

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LOCAL PARTNER ON OUR WEBSITE.



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