



## VACUETTE® QUICKSHIELD Safety Tube Holder



### Instructions for use

**Intended Use:** The VACUETTE® QUICKSHIELD Safety Tube Holder is intended to be used only with VACUETTE® Multiple Use Drawing Needles and VACUETTE® Blood Collection Tubes as a system in routine venipuncture procedures. This device is to be used by properly trained healthcare professionals only in accordance with these instructions.

**Product Description:** The VACUETTE® QUICKSHIELD Safety Tube Holder is a non-sterile single-use plastic tube holder. The VACUETTE® QUICKSHIELD Safety Tube Holder is designed with a safety shield, which can be activated to cover the needle immediately following venipuncture to aid in the protection against accidental needlestick injury.

#### Precautions/Cautions

##### Precautions

Check VACUETTE® QUICKSHIELD Safety Tube Holders before use. Do not use VACUETTE® QUICKSHIELD Safety Tube Holders when damaged! Any VACUETTE® QUICKSHIELD Safety Tube Holder that becomes contaminated with blood is considered hazardous and must be disposed of immediately. Do not reshield needle. After venipuncture, dispose of used needle with VACUETTE® QUICKSHIELD Safety Holder as one unit in appropriate sharps container in accordance with policies and procedures of your facility. Keep hands behind needle at all times during use and disposal.

##### Caution

1. Handle all biological samples and blood collection "sharps" (lancets, needles, Luer adapters, and blood collection sets) according to the policies and procedures of your facility.
2. Obtain appropriate medical attention in the case of any exposure to biological samples (for example, through a puncture injury), since they may transmit HIV (AIDS), viral hepatitis, or other infectious disease.
3. Discard all blood collection "sharps" in biohazard containers approved for their disposal.
4. Gloves should be worn at all times during venipuncture to minimize exposure hazard.

**NOTE:** VACUETTE® QUICKSHIELD Safety Tube Holders are designed for optimal use with VACUETTE® Multiple Use Drawing Needles with oriented needle bevels from Greiner Bio-One (except 18G). The use of needles from other manufacturers becomes the responsibility of the user.

##### Storage

Store holders at 4–36°C (40–97°F).

**NOTE:** Avoid exposure to direct sunlight. Exceeding the maximum recommended storage temperature may lead to impairment of the holder.

#### Handling Procedures

##### READ THIS ENTIRE CIRCULAR BEFORE PERFORMING VENIPUNCTURE.

WEAR GLOVES DURING VENIPUNCTURE AND WHEN HANDLING BLOOD COLLECTION TUBES TO MINIMISE EXPOSURE HAZARD!

1. Remove the cover from the valve section of the needle.

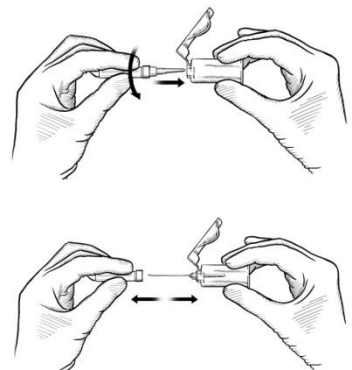
**NOTE:** The perforated label not only serves to simplify identification, but is also an indicator of sterility and product integrity. If the perforations are broken or damaged, dispose of the needle and select another.

2. Thread the needle perpendicularly into the VACUETTE® QUICKSHIELD Safety Tube Holder. Ensure the needle is firmly seated so that it does not unthread during use.

**NOTE:** Improper threading of the needle into the VACUETTE® QUICKSHIELD Safety Tube Holder can result in damage to the threads of the holder and/or needle. This damage can cause the needle to loosen during venipuncture.

**NOTE:** Do not bend needles or use VACUETTE® QUICKSHIELD Safety Tube Holder when needle is bent.

3. Select the puncture site. Apply the tourniquet (max. 1 minute) Prepare the venipuncture site with appropriate antiseptic. DO NOT PALPATE THE VENIPUNCTURE AREA AFTER CLEANSING!



4. Place the patient's arm in a downward position. Remove the needle cap. Perform the venipuncture, with the patient's arm downward and the tube cap upper-most.
5. Push the tube into the VACUETTE® QUICKSHIELD Safety Tube Holder and onto the needle valve puncturing the rubber diaphragm. Centre tubes in the VACUETTE® QUICKSHIELD Safety Tube Holder when penetrating the cap to prevent sidewall penetration and subsequent premature vacuum loss.
6. REMOVE THE TOURNIQUET AS SOON AS BLOOD APPEARS IN THE TUBE. DO NOT ALLOW THE CONTENTS OF THE TUBE TO CONTACT THE CAP OR THE END OF THE NEEDLE DURING THE PROCEDURE. I.e. under no circumstances should the tube be turned upside down during the procedure. Always hold in place by pressing the tube with the thumb to ensure complete vacuum draw.  
**NOTE:** Blood may occasionally leak from the needle sleeve. Practice universal safety precautions to minimise hazard exposure.
7. Place succeeding tubes in the holder. Ensure that the contents of the tube do not come into contact with the cap or the needle tip during blood collection.
8. As soon as blood stops flowing into the last tube, carefully remove the needle from the vein, applying pressure to the puncture site with a dry sterile swab until bleeding stops. Once clotting has occurred, apply an adhesive plaster or bandage if desired.  
DO NOT RECAP! Recapping of needles increases the risk of needlestick injury.



**NOTE:** After venipuncture the top of the cap may contain residual blood. Take proper precautions when handling tubes to avoid contact with this blood. Any VACUETTE® QUICKSHIELD Safety Tube Holder that becomes contaminated with blood is considered hazardous and should be disposed of immediately.

#### Activation of safety shield

Immediately after removing needle from the vein the following procedures are used to activate the safety shield to prevent needlestick injury.

1. Activate the safety shield by gently pressing the shield towards the needle on a stable surface. Thumb activation is also possible, whereby the thumb should remain behind the shield at all times. (See A1/A2)
2. An audible click is made ensuring the user the safety shield has been properly and fully activated. The risk of a needlestick injury is thus virtually eliminated. (B)
3. Dispose of the used needle with VACUETTE® QUICKSHIELD Safety Tube Holder in an appropriate disposal device. (C)

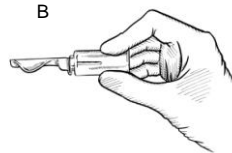
A1



A2



B



C



**NOTE:** Do not forcefully release or re-activate the safety mechanism after it has been activated.

#### Disposal

The general hygiene guidelines and legal regulations for the proper disposal of infectious material should be considered and followed.

Disposable gloves may prevent the risk of infection.

Contaminated holders must be disposed of immediately after blood collection in suitable biohazard disposal containers, which can then be autoclaved and incinerated.

#### Label information

Ref.	Item number		Do Not Reuse
LOT	LOT number: Batch number		Consult Instructions For Use
	Expiry Date. Use by the end of the month indicated		Manufacturer
	Sterilization Using Irradiation	EC REP	Authorised representative in the European Union



Manufactured for:  
Lot. Specific;  
Refer to package labelling



Greiner Bio-One GmbH  
Bad Haller Straße 32  
A-4550 Kremsmünster  
AUSTRIA