VACUETTE®

Leading technology for higher demands

	Cap colour	ml	2	3	4	5	6	8	9
		Tube Size	13/75	13/75	13/75	13/100	13/100	16/100	16/100
Coagulation / Clinical Chemistry	Z	Clot Activator	454096	454095	454092		456092		455092
	Z	Clot Activator + Gel	454028*		454071	456071		455071	
	LH	Lithium Heparin	454089	454082	454084		456084		455084
	LH	Lithium Heparin + Gel	454097		454083	456083		455083	
	NH	Sodium Heparin			454051		456051		455051
	9NC	Trisodium citrate solution	454321	454325					
Haematology / Specialities	K3E	EDTA K3	454087	454086	454036		456036		455036
	FX	Sodium fluoride Pot. oxalate	454061	454094	454062		456062		
	FE	Sodium fluoride EDTA K3	454085		454091				
	ESR	Trisodium citrate solution	454073	729090					

Ring colours

Paediatric

Gel

Standard

*2,5ml

VACUETTE® Coagulation

These tubes are used for determinations in citrated plasma for coagulation testing. The buffered sodium citrate solution 3.2% (0.109mol/l) functions as anticoagulant by chelating calcium. The proportion of blood to sodium citrate anticoagulant volume is 9:1.

VACUETTE® Serum

Serum Tubes are used for determinations in serum for clinical chemistry, microbiological serology, immunology and TDM. The tubes are coated with a clot activator. The recommended clotting time is 30 minutes. Serum Gel Tubes allow storage of certain parameters under the recommended storage conditions for up to 48 hours.

VACUETTE® Plasma

The tubes are used for determinations in plasma for clinical chemistry. The heparin concentration is standardised: 18 I.U. of lithium-, sodium- or ammonium salt of heparin per 1 ml. Plasma Gel Tubes allow storage of certain parameters under the recommended storage conditions for up to 48 hours.

VACUETTE® EDTA

EDTA Tubes are used for determinations in EDTA whole blood for haematology and immuno haematology. The tube interior of EDTA K3 Tubes is spray dried with 1.8mg anhydrous EDTA per 1 ml blood.

VACUETTE® Glucose

Glucose Tubes are used for the analysis of blood sugar and lactate in stabilised whole blood or plasma. Sodium fluoride is used as glycolysis inhibitor to preserve glucose when combined with an anticoagulant such as potassium oxalate or EDTA.

VACUETTE® ESR

Sodium citrate solution 3.2% (0.109mol/l) is the anticoagulant of choice for the measurement of the ESR. The proportion of blood to sodium citrate anticoagulant volume is 4:1.

Stamp of distributor

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greiner bio-one

> One Step Ahead

VACUETTE®

Specimen Collection System

VACUETTE® Specimen Collection System

The invention of the world`s first evacuated blood collection system made out of PET plastic by Greiner Bio-One has made specimen collection a lot safer. The innovative **VACUETTE®** system guarantees simple handling and hygiene in order to make **your** daily work easier.

Instruction for use

Apply tourniquet (max. 1 minute) Prepare venipuncture site with an appropriate antiseptic.

Remove needle shield. Perform venipuncture with arm in downward position, with the tube cap uppermost.

Push tube into the holder. REMOVE TOURNIQUET AS SOON AS BLOOD APPEARS IN TUBE. Ensure complete vacuum draw.

Gently invert the tubes 5-10 times (exceptions: coagulation tubes - invert 4 times; EDTA tubes - invert 8-10 times) immediately after blood collection to reach a proper mix of additive and blood.

Dispose of the used needle with holder using an appropriate disposal device.

Short discription

Components

VACUETTE® Tourniquet

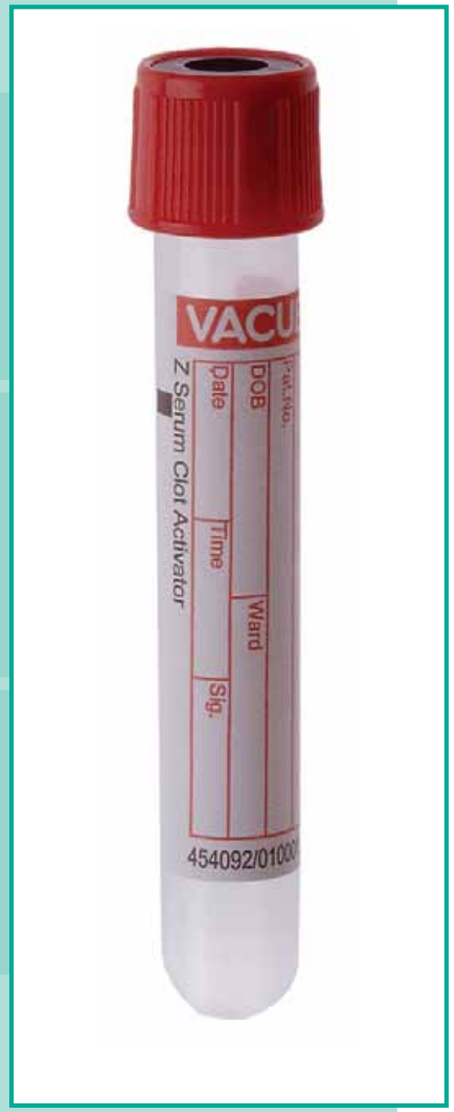
Winged Blood Collection Set

Multisample needle

Standard Tube Holder

VACUETTE® Blood Collection Tube

Disposal Containers



The **VACUETTE®** system combines the advantages of vacuum technology with unique safety characteristics fo the patient and the user.

Specification

- >> **clear as glass** but **virtually unbreakable**
- >> **colour coded screw caps** for **more safety**
- >> **colour coded** rings offer additional **visual identification** of tubes
- >> **wide range of PET tubes** with different **additives** and **draw volumes**
- >> **compatible** with all **common analyser systems**

Safety

- >> **unbreakable** during centrifugation, handling and transportation
- >> all **VACUETTE® tubes are sterile**
- >> **reproducibility** is **guaranteed**
- >> **fast & reliable test results**
- >> **VACUETTE® Sandwich tube** with **patented double wall technology**; the perfect solution (NCCLS recommendation) for coagulation tests
- >> **incineration** of **VACUETTE®** tubes are **harmless for the environment** and incineration products are mainly water (H2O) and carbon dioxide (CO2)

Standards

- >> **VACUETTE®** products are **US FDA approved**
- >> manufacturing complies to EC directives and US regulations (ISO 9001, GMP)

VACUETTE® one step ahead

for more detail please see:
www.gbo.com/preanalytics

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