

Serum vs. plasma

Although it is often advisable to use a plasma tube because of the short TAT, it should be noted that plasma is not suited to determining all laboratory parameters due to the presence of anticoagulants.² The use of serum is essential in some cases.



The new **VACUETTE®** Serum
Fast tube combines the
QUALITY OF SERUM with
the **SPEED OF PLASMA.**

Your **Power** for Health


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Your **Power** for Health


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VACUETTE®
Serum Fast Tube

Speed without
compromise



VACUETTE® Serum Fast Tube

Speed without compromise

Time is of the essence when it comes to accurate and fast blood diagnoses for treating patients. Fast coagulation following blood collection allows crucial minutes to be saved and also has the benefit of making laboratory work more efficient.

The **VACUETTE®** CAT Serum Fast tube combines the speed of a plasma tube with the properties of serum.

Ready for analysis in just 10-15 minutes¹

The inside of the tube wall is spray-coated with a BCA thrombin additive mixture, which accelerates the coagulation process. With the **VACUETTE®** CAT Serum Fast tube, the total processing time is just 10 minutes, compared to 40 minutes with conventional serum tubes, enabling easy and effective improvement of the turnaround time (TAT).

The tube contains a gel that forms a stable barrier between the serum and the cellular components of the whole blood after centrifugation.



BENEFITS AT A GLANCE

- Shorter preanalytical process
- Improved turnaround time
- Blood collection can be performed shortly before transport of the blood samples
- Quicker lab results with on-site analysis

Item overview

Item No.	Nom. Vol.	Cap Colour	Ring Colour	Tube Size	Description	Packaging	
						Inner	Outer
VACUETTE® CAT Serum Fast Separator - Non-ridged (pull cap)							
454591	3.5ml	orange	yellow	13 x 75	CAT Serum Fast Separator	50 pcs.	1200 pcs.
456310	5ml	orange	yellow	13 x 100	CAT Serum Fast Separator	50 pcs.	1200 pcs.

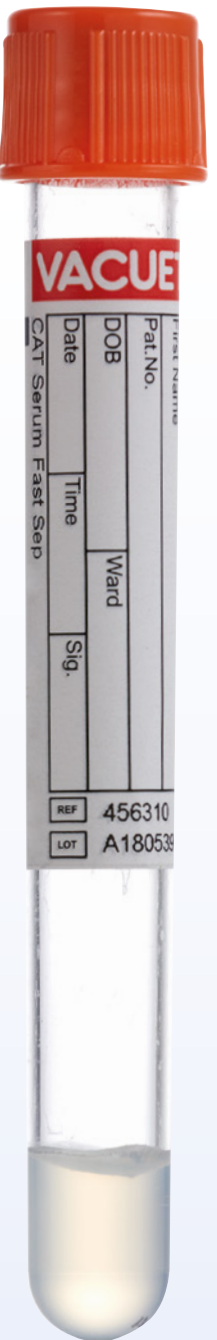
Easy-to-mix sample

The sample of whole blood is fully mixed with the additive by inverting the tube 5-10 times.

Shatterproof PET tube

In challenging circumstances a tube may occasionally slip out of the user's hand.

VACUETTE® CAT Serum Fast tubes are made of the familiar shatterproof PET. They use proven vacuum technology and have a safety cap that is easy to open. This enables hygienic working procedures without the risk of splatters, which can occur with standard rubber stoppers.



Centrifugation recommendation

Greiner Bio-One recommends the following centrifugation conditions for serum collection:

**5 min at 3000g
10 min at 1800g
20°C**

Full coagulation in just 5 MINUTES

START TARGETED TREATMENT FASTER

The **VACUETTE®** CAT Serum Fast tube radically shortens the preanalytical process, with coagulation in the sample of whole blood taking just 5 minutes.



References:

- 1 Depending on the centrifugation conditions used
- 2 Use of anticoagulants in diagnostic laboratory investigations. World Health Organization. WHO/DIL/LAB/99.1 Rev.2, 2002.