

Double Wall Technology

VACUETTE® Coagulation Sandwich Tube

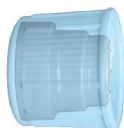
The fully developed VACUETTE® Sandwich Coagulation Tube with patented double-wall technology combines two varieties of plastics.

The formation and construction of the 13/75mm tubes, along with the cap is done with a high degree of accuracy. Due to this accuracy, there is no airspace between both tubes, and therefore the uniquely distinguished features of both materials can be utilised to their full advantage.



Cap material

VACUETTE® Coagulation Sandwich Tubes are available with ridged or non-ridged caps.



All the various caps are produced from PE (polyethylene). The rubber component of the cap is composed of Brom Butyl Caoutchouc. The stabilisation ring is composed of PP (polypropylene).

The safety cap minimises the generation of unhygienic aerosols during decapping. In addition, the recess in the cap also minimises the possibility of contact with residual blood after sampling.

Tube material

PET for correct draw volume

The outer tube made of PET (polyethyleneterephthalate) guarantees the long-lasting durability of the vacuum up until the expiry date (within $\pm 10\%$ of the stated nominal volumes).

PET can easily withstand the rcf (relative centrifugal force) recommendation of 2500-3000g for the obtainment of platelet free plasma (PFP).

PP for correct citrate to blood ratio

The inner tube made of PP (polypropylene) prevents the gradual evaporation of liquid additives and the surface characteristics are favourable for obtaining accurate and reliable test results.

Polypropylene is optimal in inhibiting thrombocyte activation and is ideal for use with sensitive coagulation parameters.

The 9mm diameter of the inner tube enables processing of samples in the primary tube with most common coagulation analysers.

PP can easily withstand the rcf (relative centrifugal force) recommendation of 2500-3000g for 20 minutes for the obtainment of platelet free plasma (PFP).

