

SST(Gel) Tubes



Purpose:

These tubes are generally used to separate serum from blood cells, thus preserving the biochemical characteristics of serum for accurate test results.

Additives:

SST separation gel and clot accelerator. Our separation gel is made of inert, high purity material, which is stable physically and chemically. The gel can withstand high temperatures, normally over 90°C, so that it can prevent changes in biochemical characteristics due to high temperatures during transportation. The molecular weight of the gel falls between serum and blood cells; therefore, after centrifugation, no substance exchange between serum and the blood cells will occur. The goal is to maintain biochemical properties and composition of the serum after a long period of time. Since the molecular weight of the separating gel is homogeneous, it prevents small molecular substances from coming to the surface of the serum.

Recommendation:

Invert and back the collected sample 5 to 6 times. For centrifugation, run the sample at 1300-2000g for 10 minutes.

Specifications:

Product No.	Volume	Size(mm)	Additives	Material	Box/Case Qty
VP3531	3.5ml	13 x 75	Gel / Clot Accelerator	PET	100/1000
VP5032	5ml	13 x 100	Gel / Clot Accelerator	PET	100/1000
VP8033	8ml	16 x 100	Gel / Clot Accelerator	PET	100/1000

Technical Indicators of Coagulant & Coagulant w/ Separation Gel

Indicator Type	Vacuum Rate Deviation	Coagulation Speed (20°C)	Clot Constriction	Hemolysis Time (4-25°C)	Sample Preservation Time (4°C)	Storage Temperature of Empty Tubes
Coagulant	≤5%	10-20min	30—60min	72h	>72h	0—45 °C
Separation Gel w/ Coagulant	≤5%	10-20min	30—60min	72h	>72h	0—45°C