

Serum Collection

(From the American College of Surgeons Oncology Group Standard Operating Procedures – Central Specimen Banking Procedures)

One 10 cc tube of peripheral blood should be collected **prior** to surgical resection by standard venous phlebotomy into a red top Vacutainer™ tube (or other standard “clot-tube” used for serum chemistry). After sitting at room temperature for 15 minutes, the blood tube should be spun in a standard clinical centrifuge at ~2500 RPM at 4 °C for 10 minutes. After spinning, serum should be drawn off from the tube in 0.5 mL aliquots and placed into plastic cryogenic vials. Label each vial with the patient’s identification number. Vials of serum should be frozen and maintained by placing them in a -80 °C.

Do not submerge vials in liquid nitrogen.