

Serum Collection Instruction for NMR analysis

- Specimen collection is recommended in the morning
- All samples (vacutainer and vials) must be labelled with the enclosed barcodes
- Blood specimens should be collected aseptically by qualified staff using approved venipuncture techniques
- Collection of 5 mL blood into 10 mL-CAT-Vacutainer® (BD)
- Allow coagulation for 30 - 60 minutes at room temperature (do not cool)
- Centrifugation for 10 min at 18 - 25 °C with 1700 - 2000 G
- The serum should be transferred in the appropriate labelled vial in between one hour after centrifugation
- Short storage (max. 4 h) of serum samples until postage at 2-8 °C. For long-term storage (> 4 h) serum samples should be freezed at -20 °C and handed over to parcel service on dry ice (-78 °C).

NMR Sample Tracking Form

Please provide the following information clearly legible.

Date [dd/mm/yy]	Time [hh:mm]	Stored at [°C]	Step / Comment	Signature
			blood collection	
			storing after centrifugation	
		-78 °C	handing over to parcel service (dry ice)	
			arriving at INFAI, Cologne	

Very Important: Please note, that after centrifugation, each serum sample should be transferred from the CAT-Vacutainer® into the cryovial and stored appropriately in the hospital until delivery.