

YY 0314 – 2007

Annex D
(Standard Annex)

Intensity experiment for tube used for centrifuge

D.1 Additive and Instrument

D.1.1 Water, conform to GB/T 6682 requirement, temperature should be 20°C ~ 25°C

D.1.2 Swing-out arm centrifuge. This centrifuge can produce 3000 g_n (fore and aft) centrifugal acceleration 10 minutes, or centrifugal acceleration specified by manufacturer

Note: $g_n = 9.80665 \text{ m/s}^2$

D.2 Experimental condition

D.2.1 Experiment should be done under such environmental condition--- 101 kPa, 20°C. If under other environmental condition, make appropriate adjustment.

D.2.2 Blood collection tube sample should be un-used.

D.3 Experimental procedure

D3.1 Add nominal liquid capacity water into container according to the methods specified by manufacturer. Open container, then close the closure when necessary. Syringe nominal liquid capacity water into non evacuated blood collection tube.

D3.2 Make sure blood collection tube is right supported and balanced in centrifugal bucket.

D3.3 centrifuge blood collection tube. Make sure bottom of tube is centrifuged by 3000 g_n fore-and-aft centrifugal acceleration for 10 minutes; or by manufacturer's specification. However, the time is not including before force reach the specified centrifugal acceleration.

D.3.4 After centrifugation, takes tube out from equipment, and check if it's been physically damaged.