Scottish Trial. FVIII Assay Method Details (CARDIFF)

One Stage FVIII Assay:

KCCT method using:

i) FVIII Deficient Plasma. Frozen. As supplied by SSTS for use in the trial.

ii) Light Kaolin. 0.5% in saline. B.D. H. Product No. 3305948.

iii) Calcium chloride 0.025 M. prepared from 1 M analytical volumetric solution. B.D. H Product No. 1904644K.

iv) Diagen Bell + Alton platelet substitute. Diagnostic Reagents.

v) Normal plasma 50 B.T.S. don tri-sodium citrate.

vi) Standard plasma buffered 3:12 six different FVIII. Assign.

Method

Control Curve

Test samples

In Lee + Wilt

0.1 ml FVIII Deficient Plasma.
0.1 ml Control or test dilution.
0.1 ml Bell + Alton.
Start stopwatch, mix. After 30 secs add -
0.1 ml 0.5% Kaolin suspension. Mix.
After further 2 mins add - 0.1 ml 0.025% CaCl2.
Start another stopwatch, mix. Leave undisturbed for 30 secs. Inspect for clot formation by tilt tube method. Record clotting time. Plot results on semi-log graph paper.

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Carolyn essay details for Ca2+ studies.

With Compliments

[Signature]

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