

Supporting Information to Sommer et al. “Comparative field study: impact of laboratory assay variability on the assessment of recombinant factor IX Fc fusion protein (rFIXFc) activity” (Thromb Haemost 2014; 112.5)

Participating Laboratories

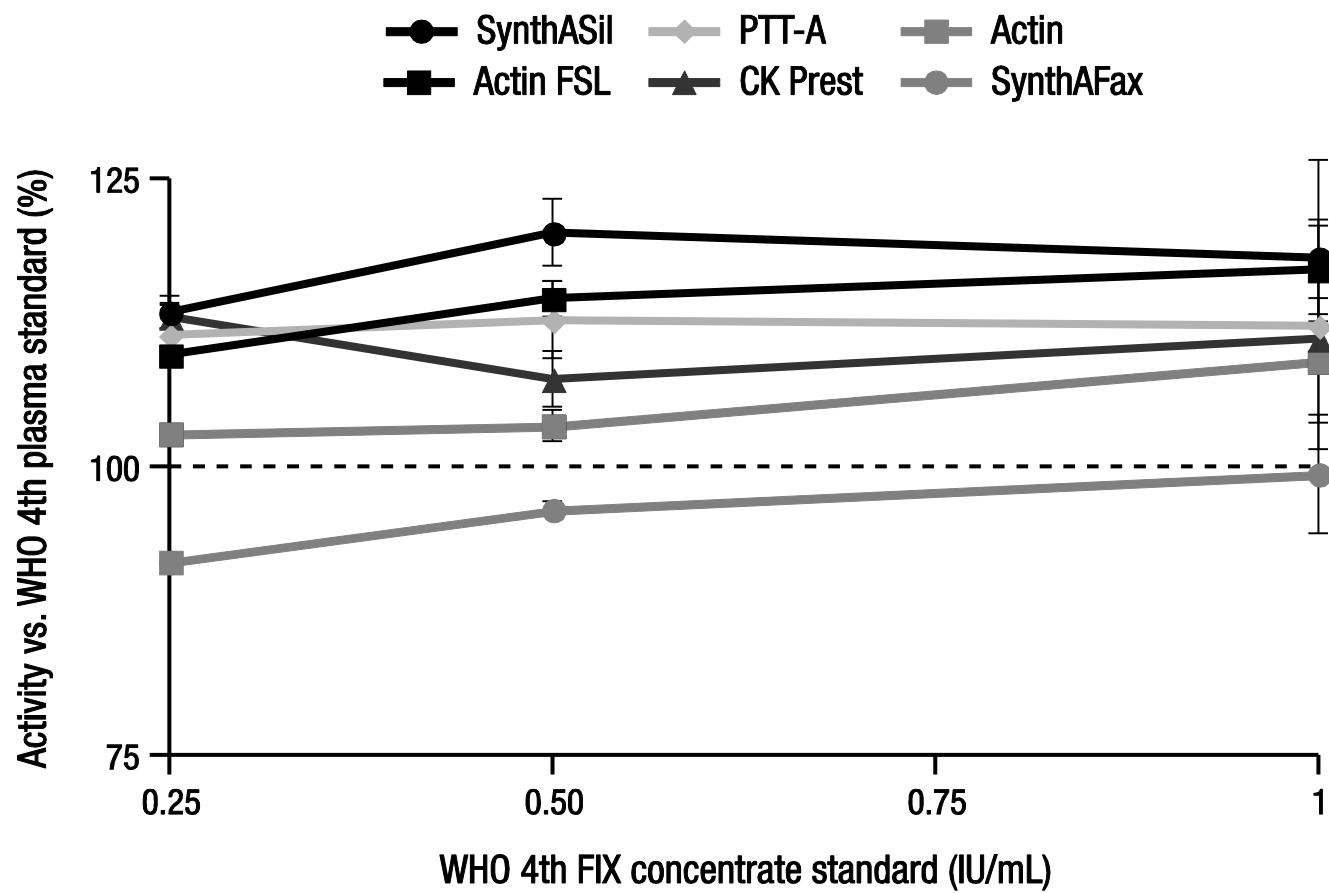
The following laboratories participated in this study: Addenbrooke's Hospital, Cambridge, UK; Basingstoke & North Hampshire Hospital, Basingstoke, UK; Beth Israel Deaconess Medical Center, Boston, MA; Blood Center of Wisconsin, Milwaukee, WI; Boston Medical Center, Boston, MA; Children's Hospital of Michigan, Detroit, MI; CHU Sainte-Justine, Montréal, Canada; Cleveland Clinic, Cleveland, OH; Esoterix Colorado Coagulation, Englewood, CO; Hamilton Health Sciences Laboratory Reference Centre, Ontario, Canada; Harborview Medical Center, University of Washington, Seattle, WA; Hemostasis Reference Laboratory, Hamilton, Canada; Hospital of the University of Pennsylvania, Philadelphia, PA; ITxM Diagnostics, Pittsburgh, PA; Louisiana Coagulation Laboratory, Covington, LA; Massachusetts General Hospital, Boston, MA; Medical University of Vienna, Austria; Oxford University Hospital, Oxford, UK; Puget Sound Blood Center, Seattle, WA; Queen's University, Kingston, Canada; Quest Diagnostics Nichols Institute, San Juan Capistrano, CA; St Paul's Hospital, Vancouver, Canada; Tufts Medical Center, Boston, MA; University Medical Center, Utrecht, Netherlands; University Medical Centre St Radboud, Nijmegen, Netherlands; University of Campinas, Campinas, Brazil; University of Colorado Health Sciences Center, Denver, CO; University of Texas Southwestern Medical Center, Dallas, TX; University of Washington Medical Center, Seattle, WA; Vanderbilt University Medical Center, Nashville, TN; Westmead Hospital, Westmead, Australia

Suppl. Table 1: Instrumentation and One-stage Assay Reagents Used by Participating Laboratories

Laboratory	Instrument	aPTT reagent	Calibrator	Activator type
Lab 1	Stago Evolution	Siemens Actin FS	Siemens	
Lab 2	Siemens CA7000	Siemens Actin FS	Stago Unicalibrator	
Lab 3	Siemens BCS-XP	Siemens Actin FS	Precision BioLogic	Ellagic acid
Lab 4	Siemens BCS-XP	Siemens Actin FSL	Siemens	
Lab 5	Siemens BCS-XP	Siemens Actin FSL	3rd WHO IS	
Labs 6–8	Siemens BCS-XP	Siemens Actin FSL	Siemens	
Lab 9	Stago Evolution	Roche Cephacreen	In-house pool	Polyphenols
Lab 10	Stago Destiny	Trinity Auto APTT	Technoclone	
Lab 11	Trinity MDA-II	Trinity Auto APTT	Precision BioLogic	
Lab 12	Siemens BCS-XP	Trinity Auto APTT	Siemens	
Lab 13	IL ACL TOP	IL SynthASil	Precision BioLogic	
Labs 14–15	IL ACL TOP	IL SynthASil	IL HemoSil	
Lab 16	Stago Evolution	Stago PTT-A	Stago Unicalibrator	Silica
Lab 17	Stago Evolution	Stago PTT-A	Precision BioLogic	
Lab 18	Stago Evolution	Stago PTT-A	In-house pool	
Lab 19	Stago Evolution	Stago PTT-A	Stago Unicalibrator	
Lab 20	Stago Evolution	Stago PTT-A	Technoclone	
Lab 21	IL ACL TOP	Stago PTT-A	IL HemoSil	
Lab 22	Siemens BCS-XP	Stago PTT-A	Siemens	

Laboratory	Instrument	aPTT reagent	Calibrator	Activator type
Lab 23	IL ACL TOP	Pathromtin SL	IL HemoSil	
Lab 24	Siemens BCS-XP	IL HemosIL	Siemens	
Lab 25	Trinity MDA-II	Tcoag Platelin L	TCoag	
Lab 26	Trinity MDA 180	Tcoag Platelin L	Precision BioLogic	
Lab 27	Stago Evolution	Stago CK-Prest	Stago Unicalibrator	
Lab 28	Stago Evolution	Stago CK-Prest	Precision BioLogic	Kaolin
Lab 29	Stago Evolution	Stago CK-Prest	Stago Unicalibrator	
Lab 30	Stago Evolution	Stago CK-Prest	Stago Unicalibrator	

aPTT, activated partial thromboplastin time.



Suppl. Figure 1: Comparison of WHO 4th FIX concentrate standard versus WHO 4th FIX plasma standard. WHO, World Health Organization; FIX, factor IX; IU, International Units.