

FXIII INVESTIGATION

Survey 2023: 4

October 2023

RESULTS SHEET

Participant no.

Please complete all sections on this sheet.

One sample, labelled **FXIII 23:05**, is provided for participants to perform factor XIII screening tests or assays. Samples should be stored below 8°C (for maximum storage life -20°C). Reconstitute by carefully adding exactly **0.5 ml** of distilled water, mix gently and leave standing at room temperature for 10 minutes before testing. Please perform your routine factor XIII screening test /assay on each of these samples.

Important note: Sample **FXIII 23:05** has been screened and found to be negative for hepatitis B surface antigen (HBsAg) and for antibodies to human immunodeficiency virus types 1 & 2 (anti-HIV-1+2) and hepatitis C (HCV). Nevertheless, care should be taken in sample handling and disposal.

Please note the following requirements of laboratory participation in EQA under ISO15189: "The laboratory shall not communicate with other participants in the interlaboratory comparison programme about sample data until after the submission date", and "The laboratory shall not refer interlaboratory comparison samples for confirmatory examinations before submission of the data, even if this would be routinely done with patient samples". Where evidence of collusion is found, participant performance will be scored as a fail for that survey.

Please return your results from this exercise to: by **Friday 8th December 2023**.

The details and results can be returned online: log on to the website www.ukneqasbc.org and access the survey through the "FXIII exercise" link on the login page.

METHOD DETAILS:

If you use a screening test (**clot solubility test**) please complete **ALL** the following details.

Plasma clotted with : Calcium	Please record manufacturer and concentration:
Thrombin	
Other	
Volume of plasma:	
If a further volume of diluent (eg saline) is added, please state:	
Volume of clotting agent:	
Before lysing agent added: Time left to clot: Temperature:	

Clot lysed with: Urea	
Acetic acid	
Monochloroacetic acid	
Concentration of lysing agent :	
Volume of lysing agent added:	
Incubation temperature:	
Normal range:	
Source of normal range:	

If you use a **factor XIII assay**, please complete all the details below.

Method (eg ELISA/Incorporation assay):	
Kit source:	
Reference plasma:	
Reference range:	
Source of reference range:	
Instrument/Analyser:	
Do you use a reagent blank when performing a FXIII assay?	YES / NO

RESULTS :

Sample	Clot Lysis time	Factor XIII assay result (u/dl)	Interpretation (normal/borderline/abnormal)
FXIII 23:05			

Please return your results from this exercise to: by **Friday 8th December 2023.**