






# TECHNOVIEW UFH

## For research use only



GB

REF	5090070	TECHNOVIEW UFH CAL Set	5 x 1 mL
REF	5090072	TECHNOVIEW UFH CONT L	5 x 1 mL
REF	5090074	TECHNOVIEW UFH CONT H	5 x 1 mL

Symbols key			
	Manufacturer		Expiry date
	Storage temperature		Consult instructions for use
<b>RUO</b>	For research use only		Determinations
<b>AQUA</b>	Distilled water	<b>LOT</b>	Lot
<b>BUF</b>	Reaction buffer	<b>MTP</b>	Microtiter plate
<b>CAL</b>	Calibrator	<b>REF</b>	Catalogue number
<b>CONJ</b>	Conjugate	<b>RTU</b>	Ready to use
<b>CONT</b>	Control	<b>STOP</b>	Stop solution
<b>DIL</b>	Dilute or dissolve in	<b>SUB</b>	Substrate
<b>INC</b>	Incubation buffer	<b>WASH</b>	Washing solution concentrate



**PRODUCT DESCRIPTION**

**INTENDED USE**

TECHNOVIEW UFH Calibrator Set is a set of calibration plasmas and TECHNOVIEW UFH Control Plasma is a set of low and high control plasmas for calibration and the quality control of unfractionated Heparin (UFH) measurements titrated and optimised using anti-Xa assays.

**COMPOSITION**

TECHNOVIEW UFH Calibrator and Control plasma are prepared from citrated plasmas supplemented with different concentrations of unfractionated Heparin. The plasma contains stabilizers but no bactericide additives.

TECHNOVIEW UFH Calibrator Set 5x1 mL REF 5090070 contains:

mL	Reagent
1	<b>Calibrator 1</b> human plasma, freeze dried, without any additive of UFH (CAL 1 at 0 IU/mL)
1	<b>Calibrator 2</b> human plasma, freeze dried, supplemented with UFH (CAL 2 at ~ 0.35 IU/mL)
1	<b>Calibrator 3</b> human plasma, freeze dried, supplemented with UFH (CAL 3 at ~ 0.70 IU/mL)
1	<b>Calibrator 4</b> human plasma, freeze dried, supplemented with UFH (CAL 4 at ~ 1.05 IU/mL)
1	<b>Calibrator 5</b> human plasma, freeze dried, supplemented with UFH (CAL 5 at ~ 1.40 IU/mL)

TECHNOVIEW UFH Control Low 5x1 mL REF 5090072 containing 5 vials:

mL	Reagent
1	<b>Control Low</b> human plasma, freeze dried, supplemented with UFH (CONT L at ~ 0.20 IU/mL)

TECHNOVIEW UFH Control High 5x1 mL REF 5090074 containing 5 vials:

mL	Reagent
1	<b>Control High</b> human plasma, freeze dried, supplemented with UFH (CONT H at ~ 0.50 IU/mL)

**MATERIAL REQUIRED** (not supplied with the kit)

- Pipettes
- Distilled water

**WARNING AND PRECAUTIONS**

- For research use only
- All blood and plasma samples and products have to be regarded as potentially infectious and handled with appropriate care and in compliance with the biosafety regulations in force and must be disposed of in the same way as hospital waste.
- Each single donor plasma and each lot of Control and Calibration plasma are tested and found negative for Hb<sub>s</sub>Ag, HIV 1/2 Ab and HCV Ab. However, universal precautions (treating all human source materials as if potentially infectious) should be exercised.

**STABILITY AND STORAGE**

The expiry date printed on the labels applies to storage of the unopened bottles at +2...8 °C.

Stability after reconstitution:

RT*	+2...8 °C	-20 °C
48 hours	7 days	1 month

The vials can be only frozen once.

Upon storage, caps should be screwed tightly.

\*=room temperature <sup>1</sup>

**TEST PROCEDURE**

**PREPARATION AND PERFORMANCE OF THE TEST**

- Open the vial carefully and reconstitute the contents in **1 mL of distilled water** by carefully rotating the vial until the product is completely reconstituted (avoid frothing).
- Allow the reconstituted TECHNOVIEW UFH Heparin Calibrator and Control plasma to stand for 10 minutes at room temperature before use <sup>1</sup>. Invert to mix before use (avoid foaming).
- Treat the reconstituted plasma as a citrated sample according to the instructions of the respective test.

**APPLICATIONS FOR INSTRUMENTS**

Application sheets are available from Technoclone or your local distributor upon request.

**ANALYSES RESULTS**

**EVALUATION OF THE RESULTS**

The figures in the batch table are only applicable to the indicated lot number of TECHNOVIEW UFH Calibrator and Control plasma and the method has to adhere strictly as prescribed for the respective reagent.

**STANDARDIZATION**

TECHNOVIEW UFH Calibrator and Control plasma are calibrated against the international Standard preparation for UFH.

**LIMITATION OF THE TEST**

The figures in the batch table are only applicable to the indicated lot number of TECHNOVIEW UFH Calibrator and Control plasma and the method has to adhere strictly as prescribed for the respective reagent.

The guidelines for evaluation given in this leaflet have been established assuming that a constant sensitivity of different batches is guaranteed by the manufactures of each reagent.

**LITERATURE**

1. Richardson J.H. and Backley W.E. Eds. Bios. Microbiological and Biomedical laboratories. US. Dept. and Human Services. Public Health Service, HHS publication (CDC) 84-8395, Washington, D.C. (1984).
2. National Committee for Clinical Laboratory Specifications for reagent water used in the clinical lab NCCLS Approved Standard: ASC-3.
3. Westgard J.O., Barry P.L. Cost effective Quality Managing for managing the quality and the Productivity of Analytical AACC Press (1986).

<sup>1</sup> For standardization a reconstitution time of 30 minutes is recommended.