

technoclone  


# HAEMOPHILIA A RESEARCH

Determination of Factor VIII activity,  
 Factor VIII inhibitors in human plasma with  
 Thrombin Generation

Research use only in the US and Canada.  
 Not for diagnostic procedures

*A clear view into the future!*

# FVIII DEFICIENT PLASMA

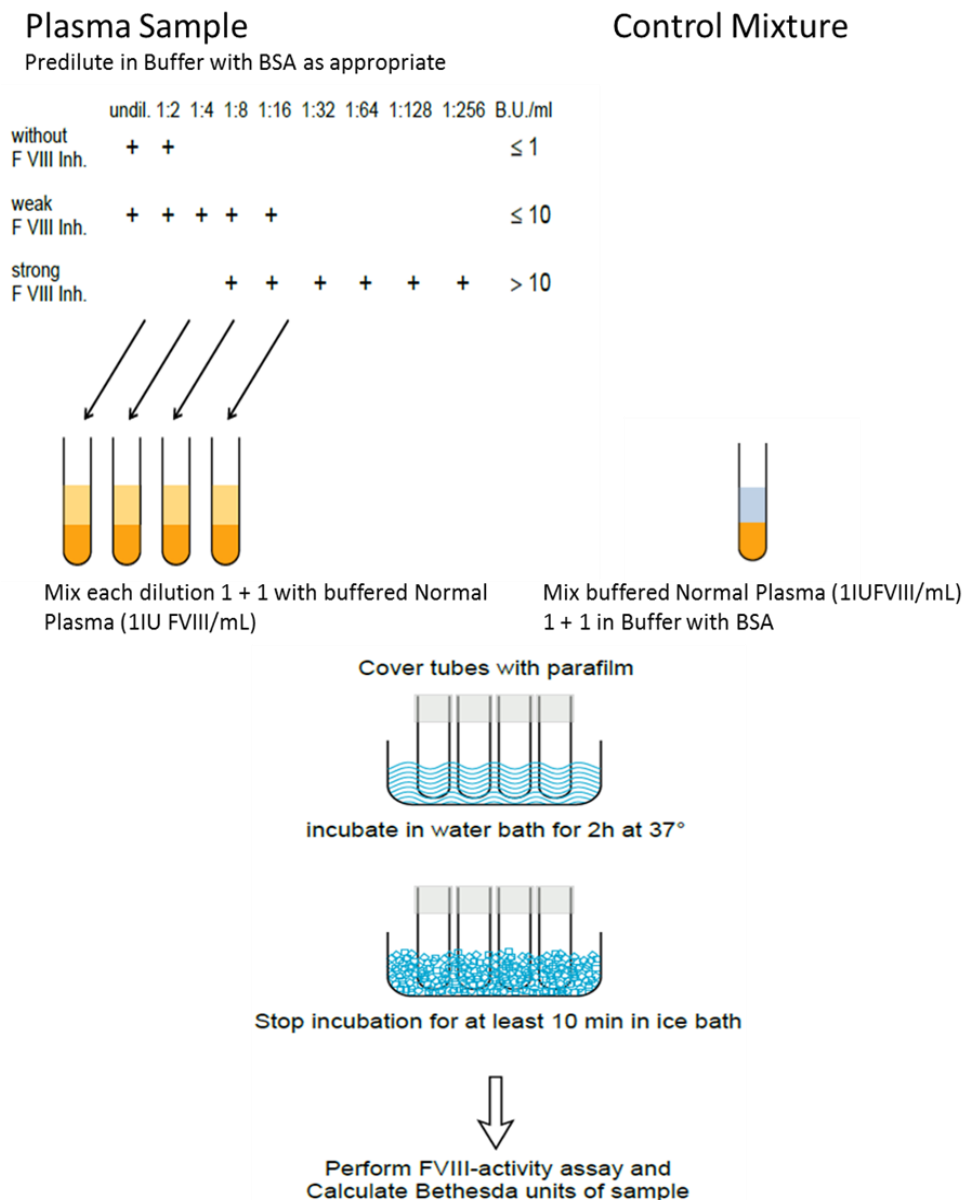
## Lyophilized FVIII deficient plasma

- immunodepleted or native
- < 1 IU/dL FVIII activity
- fibrinogen and other factors (incl. VWF) are in normal range

# FVIII INHIBITOR ASSAY KIT

Reagent Kit for the determination of Factor VIII Inhibitor according to the modified Bethesda method.

- Improved specificity in the lower range of antibody detection due to dilution with buffered FVIII– normal plasma (1 IU/mL FVIII:C)
- Kit contains **FVIII INH plasma** as a positive control and **FVIII INH free plasma** as a negative control
- Batch stable calibration curves on coagulation analyzers
- Calibrated against WHO standard
- **Results can be calculated directly** with an excel based calculation tool available in the customer area under [www.technoclone.com](http://www.technoclone.com)



# THROMBIN GENERATION

**CEVERON® TGA RB Kit with** Low concentration of phospholipid micelles and rhTF for researching the procoagulant response to potential replacement therapies with:

- factor concentrates; native and recombinant
- modified coagulation factors
- alternative approaches like Emicizumab

## Automated on Ceveron® t100 / Ceveron® s100

The **Ceveron® TGA RB Kit**, for the measurement of **bleeding tendencies**, is optimized for the fully automated **CE marked** measurement of Thrombin Generation on **Ceveron® t100** and **Ceveron® s100**:

- **Easy** as a routine assay  
(Measurement from the same test sample as a routine parameter)
- **Parallel testing** of routine & thrombin generation samples
- **Precise** (intra/inter-assay CV < 5%)
- **Fast** (short assay time of ~20 min for Peak Thrombin)
- Automated **normalisation**
- Up to **36 samples** in a single run

# TECHNOCHROM® FVIII:C

TECHNOCHROM® FVIII:C kit contains all reagents, calibrator and controls for chromogenic determination of factor VIII activity

- automated on haemostasis or ELISA analysers
- test kit including calibrator and control material
- one calibration per lot
- high reagent stability
- High linearity (0 - 144 % FVIII activity)

|        | Intra assay |          | Inter assay |          |
|--------|-------------|----------|-------------|----------|
| sample | sample 1    | sample 2 | sample 1    | sample 2 |
| n      | 12          | 12       | 6           | 6        |
| Mean % | 98,5        | 53,4     | 96,6        | 54,6     |
| SD (%) | 3,96        | 2,61     | 2,49        | 2,29     |
| CV (%) | 4,02        | 4,89     | 2,58        | 4,2      |

**Due to the reagent composition the assay can be used for FVIII determination in FVIII INH assay for samples containing Emicizumab**

## THROMBIN GENERATION

| Product  | Contents   | REF     | Package   |
|--|--|---------|-----------|
| <b>Ceveron® TGA RB Kit</b><br>For measurement of <b>bleeding tendencies</b> .<br>Low concentration of phospholipid micelles<br>and low rhTF. | 2 x 1 ml Ceveron® TGA Reagent RB<br>2 x 3 ml Ceveron® TGA Substrate<br>2 x 1.5 ml Ceveron® TGA Reaction Buffer<br>2 x 1 ml Ceveron® TGA Control Low<br>2 x 1 ml Ceveron® TGA Control High<br>1 x 25 ml CaCl <sub>2</sub> 25 mM | 5006011 | 120 tests |

## FVIII INHIBITOR ASSAY KIT

|  |   |         |             |
|--|---|---------|-------------|
| <b>FVIII Inhibitor Kit</b>             | 2 x ~ 3 ml Factor VIII Normal Plasma<br>1 x 1 ml F VIII Inhibitor Plasma<br>1 x 1 ml Inhibitor Free Plasma<br>1 x 17 ml Imidazole Buffer          | 5152005 | ~ 2-4 tests |
| <b>FVIII Inhibitor Kit HCV neg.</b>    | 2 x ~ 3 ml Factor VIII Normal Plasma<br>1 x 1 ml F VIII Inhibitor Plasma HCV neg.<br>1 x 1 ml Inhibitor Free Plasma<br>1 x 17 ml Imidazole Buffer | 5152009 | ~ 2-4 tests |
| <b>Controls</b>                        |   |         |             |
| <b>FVIII Inhibitor Plasma</b>          | Native Factor VIII Inhibitor plasma for control of<br>FVIII Inhibitor determination   | 5159008 | 5 x 1 ml    |
| <b>FVIII Inhibitor Plasma HCV neg.</b> | Factor VIII Inhibitor plasma for control of FVIII<br>Inhibitor determination  | 5159010 | 5 x 1 ml    |

## FVIII DEFICIENT PLASMA

|                                     |   |         |           |
|-------------------------------------|---|---------|-----------|
| <b>Factor VIII deficient plasma</b> | Lyophilized Factor VIII deficient plasma,<br>immunodepleted | 5154002 | 5 x 1 ml  |
|                                     |   | 5154004 | 50 x 1 ml |
|                                     | Lyophilized Factor VIII deficient plasma,<br>native         | 5154007 | 5 x 1 ml  |
|                                     |   | 5154016 | 50 x 1 ml |

## TECHNOCHROM® FVIII:C

|   |   |         |             |
|---|---|---------|-------------|
| <b>TECHNOCHROM® FVIII:C</b>                       | 2 x 2 ml Substrate<br>2 x 2 ml Reagent A<br>2 x 2 ml Reagent B<br>4 x 1 ml Reference Standards FVIII (1-4)<br>3 x 30 ml FVIII Dilution Buffer<br>2 x 8 ml FVIII Reaction Buffer | 5344101 | ~ 160 tests |
| <b>TECHNOCHROM® FVIII:C</b><br>for Ceveron® alpha | 2 x 2 ml Substrate<br>2 x 2 ml Reagent A<br>2 x 2 ml Reagent B<br>4 x 1 ml Reference Standards FVIII (1-4)<br>2 x 20 ml FVIII Dilution Buffer<br>2 x 8 ml FVIII Reaction Buffer | 5344103 | ~ 80 tests  |

All products are for research use only in the US and Canada

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