

FOR RESEARCH ONLY. NOT FOR HUMAN USE OR DRUG USE.

Thrombin Calibrator (Catalogue number: TS20.00)

Contents: 20 vials of 1 mL lyophilized reagents.

Instructions for use & Composition

Thrombin Calibrator should be used in each experiment in every group. Please read the appropriate section in the Thrombogram Guide. Add 1 mL deionized water to the vial, wait 2 minutes and shake carefully. Do not vortex. The solution can now be used in the CAT assay. Do not store or freeze reconstituted Thrombin Calibrator, it will lose activity. Use 20 μ L of Thrombin Calibrator together with 80 μ L of plasma in the wells. Based on the calibrated amount of thrombin activity, the concentration of thrombin in time can be calculated from the signal derived from the samples in which thrombin generation takes place. Use the Thrombin Calibrator for each individual plasma to correct for donor-to-donor differences in color of plasma, inner filter effect and substrate consumption.

Thrombin Calibrator is a mixture of citrate buffered saline, bovine proteins and saccharides.

CAUTION: The aluminum cap on the vial may be sharp when teared off. Use appropriate tools and safety measures.

Stability & Storage

May be used by the expiry date given on the label when stored unopened. Avoid contamination of the reagents by microorganisms. Shipment of product does not require cooling during the time of transportation. Unopened vials of Thrombin Calibrator should be stored in the fridge (2-8°C). Thrombin Calibrator will lose activity after reconstitution, please use within four hours.

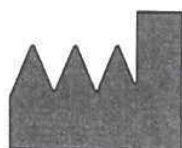
Please Note: Activity of the calibrator may differ from batch to batch.



CHECK IF THE ACTIVITY ON THE THROMBIN CALIBRATOR LABEL CORRESPONDS WITH THE INFORMATION ENTERED INTO THE MEASUREMENT PROGRAM. Open the measurement program, go to "Settings", enter the new information, press OK and **restart** the measurement program. The next measurement will use the new activity for calculation of the concentration of thrombin.

Please Note: Influence of active-site inhibitors

Some anti-thrombotic drugs have influence on the Thrombin Calibrator activity, especially direct thrombin inhibitors. Avoid addition of these inhibitors to the plasma samples in which the calibrator is measured.



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