Haemochrom Diagnostica

Competence in Haemostasis Diagnostics



COAMATIC[®] Heparin

A chromogenic method for the determination of unfractionated heparin (UFH), low molecular weight heparin (LMWH), Arixtra and Orgaran in plasma, based on the inhibition of factor Xa. One-step assay, optimized for use on coagulation analyzers. The assay is not influenced by plasma antithrombin concentration.

Test principle

 $\begin{array}{ll} \text{Heparin} + \text{AT} \rightarrow [\text{Heparin} \bullet \text{AT}] \\ \text{Factor Xa} + & \begin{bmatrix} \text{Heparin} \bullet \text{AT} \end{bmatrix} \\ \text{S} - 2732 \end{array} \rightarrow \begin{array}{ll} \begin{bmatrix} \text{Heparin} \bullet \text{AT} \bullet \text{FXa} \end{bmatrix} \\ \text{Peptid} + \text{pNA} \end{array}$

Reagents and stability (after opening)

Substrate S-2732 2 vials 3 months at 2-8°C Factor Xa (bovine) 2 vials 3 months at 2-8°C 3 months at 2-8°C

Analyzer applications: On request Article no.: 82 33 93

Also available

Calibrators and controls for LMW-heparin, UF-heparin, Orgaran, Arixtra and Rivaroxaban, see chapter 10, calibrators and chapter 11, controls.