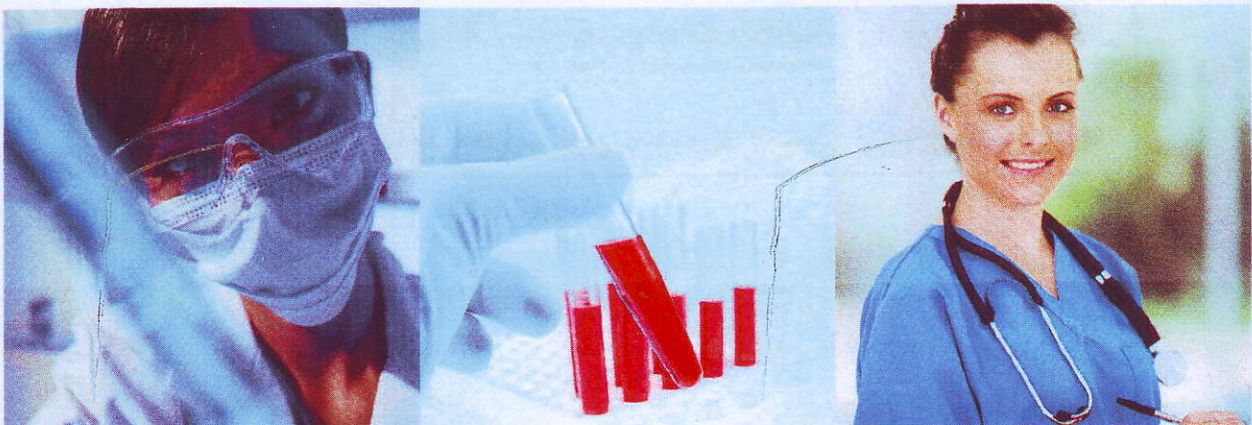




AntithrombinIII activity is measured in citrated plasma for diagnosis of AT deficiency. MediRox Antithrombin III liquid reagent is a ready-to-use liquid chromogenic kit based on bovine Factor Xa and chromogenic Factor Xa substrate.

- » Liquid reagent, ready to use
- » No sample pre-dilution
- » High precision CV<3%





Antithrombin III (AT) is the primary physiological inhibitor of thrombin and factor Xa in plasma, and thereby effectively regulates blood coagulation. An inherited AT deficiency is often associated with thromboembolic disease, and acquired deficiencies may occur in liver disease and disseminated intravascular coagulation (DIC).

SENSITIVITY & SPECIFICITY

AT activity is determined in a two-stage chromogenic assay as follows:

- » An excess of FXa is added to citrated plasma in the presence of heparin.
- » The residual FXa activity is determined from the hydrolysis of a chromogenic FXa-substrate, which results in the release of free p-nitroaniline (pNA). The AT activity is inversely related to the amount of released pNA, and expressed as % AT activity derived from a standard curve.
- » MediRox AT III is not sensitive to Heparin Cofactor II, which is important for the detection of low AT levels.

STABILITY & STORAGE

Shelf life: 24 months from manufacturing in 2-8 °C
 Opened vial: 30 days from date of opening

ORDERING INFORMATION

Item No.	Product Description	Pack Size
MRX1200	Antithrombin III Liquid Kit	Bovine F Xa 6x6 mL FXa Substrate 3x3 mL
MRX1201	Antithrombin III Calibrator	1x1 mL
MRX170	Eximius Control Basic Triple Set	4x1 mL L1 4x1 mL L2 2x1 mL L3
MRX171/172/173	Eximius Control Basic L1/L2/L3	10x1 mL each
MRX180	Eximius Control PLUS Triple Set	4x1 mL L1 4x1 mL L2 2x1 mL L3
MRX181/182/183	Eximius Control PLUS L1/L2/L3	10x1 mL each