ANIARA

Manufactured By: HYPHEN BioMed

# A COMPLETE RANGE OF LABORATORY TECHNOLOGIES FOR THE EXPLORATION OF HAEMOSTASIS, THROMBOSIS, AUTO-IMMUNE DISORDERS AND FIBRINOLYSIS

## CLOTTING METHODS

HYPHEN BioMed offers a full line of reagents for clotting assays. This line is expanding with new products continually being introduced. High technology APTT and Fibrinogen assay reagents are now available.

Specialized clotting assays for cofactors (such as Factor VII+X, Factor VII or Factor V) are designed with highly purified coagulation factors, extracted from human or bovine plasma.


The HEMOCLOT(1) line of assays is being developed with reference to the current understanding of the mechanisms involved in coagulation regulation by utilizing the most recent technological advances in preparation of the active principles required for kit manufacture. Therefore, proteins and enzymes used in these assays are highly purified with excellent stability following reconstitution from their freeze dried presentations and always give optimum reactivity. This careful and controlled approach ensures both excellent assay performance and good reproducibility, series to series, and batch to batch.

(1) The HEMOCLOT line of assays can be used with manual methods, as well as with semi-automatic instruments or automates such as STA, STA-R, BCS, BCT, Sysmex, ACL; etc... Specific adaptations are available upon request.

## CHROMOGENIC METHODS

The BIOPHEN® line(2) of reagents is a line of chromogenic assays, which includes calibrators and controls (all CE marked), and generic chromogenic substrates, specific for Haemostasis enzymes.


Chromogenic assays are designed with well characterized enzymes and highly purified biochemical's, both offering high specificity and activity, and directly prepared by HYPHEN BioMed. Those assays are offered for testing anti-thrombotic drugs, such as heparins and their analogues, anticoagulant proteins, such as anti-thrombin (AT) or Protein C (PC), and are CE marked, or coagulation factors such as Factor VII, Factor VIII:C and Factor IX or Factor IXa. Reagents offer a prolonged stability following reconstitution.

HYPHEN BioMed also offers chromogenic assays for research use only. They are fully optimized. These specific chromogenic assays are useful for measuring coagulation factors or inhibitors, and can be adapted to automatic instruments. Instrument applications are available upon request.

These methods can be used for testing purified factors in plasma or in concentrates. Calibrators and controls, established against NIBSC International Standards, when available, are proposed separately.

(2) The BIOPHEN® line can be used for manual methods or with any semi-automatic instrument with automates such as STA, STA-R, BCT, BCS, Sysmex, ACL, Cobas, etc... Specific adaptations are available upon request.

## IMMUNOASSAYS

HYPHEN BioMed proposes a technical approach which makes easier using the ELISA technology, which remains the reference methodology when high sensitivity, accuracy and specificity are required. We developed a line of two site ELISAS, designed with highly specific polyclonal or monoclonal antibodies, optimized and standardized, which fit the best your laboratory requirements.

The CE marked ELISA kit line, dedicated to diagnosis, is expanding.


The ZYMUTEST line of reagents is a ready to use and complete line of Enzyme Immuno Assays (ELISA), optimized and disposable, for the exploration of plasma factors, fibrinolysis, autoimmunity and markers of thrombotic diseases, or drug induced complications such as HIT. They include calibrators and controls.

They give reliable measurements, with high reproducibility, and are easy to perform. They are calibrated by reference to the International Standards from the National Institute for Biological Standards and Controls (NIBSC, Potters Bar, UK), when available. Alternatively, an internal reference preparation is used when no international standard is available, and it offers high reproducibility from lot to lot, and an acceptable assay standardization.

All the assays use a Horse Radish Peroxidase (HRP) marker, and Tetra-Methyl Benzidine (TMB) as substrate. Color development is measured at 450 nm. These assays are all designed to be insensitive to rheumatoid factor.

Form AH114
02-2010

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