

INTENDED USE

Item	Concentration	For Use In
Sodium Citrate	0.11 M	Anticoagulation of Blood
Calcium Chloride	0.025 M	Coagulation Tests
Tris Buffered Saline	0.06 M pH 7.5	Coagulation Tests, von Willebrand Factor Assays

PRECAUTIONS

1. THESE REAGENTS ARE FOR IN-VITRO DIAGNOSTIC USE ONLY.
2. These reagents are NON-STERILE and are NOT FOR INJECTION or INGESTION.
3. With the exception of Sodium Citrate, these reagents contain 0.01% sodium azide as a preservative, and ARE NOT FOR USE IN PLATELET AGGREGATION STUDIES, other than von Willebrand Factor Assays.

METHODOLOGY

Sodium Citrate: May be used for anticoagulating blood specimens for coagulation or platelet function studies. Replacing 3.8% and 3.2% weight to volume preparations, Sodium Citrate is formulated at 0.11M as recommended by the International Committee of Thrombosis and Hemostasis, Subcommittee on Platelets.⁶ The ratio of whole blood to sodium citrate is 9 to 1.²⁻⁵

Calcium Chloride: May be used in PTs, APTTs, factor assays and plasma recalcification (plasma clotting) times.^{1,2}

Tris Buffered Saline: May be used in specific studies, including von Willebrand Factor (Ristocetin Cofactor) assays, and platelet neutralization procedure testing.

REAGENT PREPARATION

Reagents may be used without additional preparation. However, a working amount of reagent should be transferred to a clean, dry container to prevent contamination of the stock solution.

REAGENT STORAGE

Reagents must be stored, tightly capped, in their original container at 2° - 8° C, after opening.

PERFORMANCE CHARACTERISTICS

These reagents have been formulated to enhance the results of coagulation and certain platelet aggregation studies.

PROCEDURE

Refer to the INTENDED USE and REFERENCES section of this insert and your laboratory procedures for individual applications.

LIMITATIONS

Each reagent, except Sodium Citrate, contains 0.01% sodium azide as a preservative. All reagents must be properly stored to prevent deterioration. Reagents should not be used if cloudy or discolored.

NOTE: *Standard laboratory practices for sodium azide use and disposal must be observed.*

REFERENCES

1. Operation and Methods Manual for the Microsample Coagulation Analyzer, MCA 110. BIO/DATA CORPORATION, Horsham, PA. 1989.
2. Lynch, M. J., et. al.: Medical Laboratory Technology and Clinical Pathology, 2nd Ed. W.B. Saunders and Company, Philadelphia, PA. 1969.
3. Laboratory Manual of Hemostasis, Mayo Clinic. W. B. Saunders and Company, Philadelphia, PA. 1971.
4. Sirridge, M. S.: Laboratory Evaluation of Hemostasis, 2nd Ed. Lea and Febiger, Philadelphia, PA. 1974.
5. Operation and Instruction Manual, Platelet Aggregation Profiler. BIO/DATA CORPORATION, Horsham, PA. 1982.
6. International Committee for Thrombosis and Haemostasis/International Committee for Standardization in Haematology (ICTH/ICSH) Thrombosis Haemostasis 42, 1073-1114, 1979.

PRODUCT AVAILABILITY

PRODUCT	NET CONTENTS	CATALOG NUMBER
Lyophilized Platelets	3 x 4 mL	101595
Lyophilized Platelets	1 x 10 mL	101258
ADP	3 x 0.5mL	101312
Arachidonic Acid	3 x 0.5mL	101297
BETA/Pak® (ADP, Collagen, Ristocetin)	1 x 0.5mL each	101580
Collagen	3 x 0.5mL	101562
Epinephrine	3 x 0.5mL	101311
PAR/Pak® II (ADP, Collagen, Epinephrine)	2 x 0.5mL each	101310
Ristocetin		
AggRecetin®	1.5mg/mL 15mg	100968
AggRecetin	1.0-1.5mg/mL 15mg	100970
AggRecetin Bulk	100mg	101241
vW Factor Assay®	10 Determinations	101246
vW Factor Assay	20 Determinations	103025
vW Abnormal Control Plasma	3 x 0.5mL	101270
vW Normal Control Plasma	3 x 0.5mL	106426
vW Normal Reference Plasma	3 x 0.5mL	101269
Sodium Citrate (0.11 M)	237mL	100994
Calcium Chloride (0.025 M)	473mL	100989
Tris Buffered Saline (0.06 M)	473mL	100991

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