

INTENDED USE

PRO-CLEAR™ was developed as a xylene substitute in the Wheatley's Trichrome Stain procedure. PRO-CLEAR can also be used to replace ethyl-acetate in the formalin ethyl-acetate concentration procedure or in the CONSED® Concentration procedure.

SUMMARY

Studies by Neimeister and Gubash have found a d-limonene based clearing agent to be an excellent replacement for xylene in staining techniques and as an ethyl-acetate replacement in concentration procedures.

FOR IN VITRO DIAGNOSTIC USE ONLY**PRECAUTIONS**

1. PRO-CLEAR can cause eye and skin irritation. Follow good laboratory practices.
2. Store away from heat, sparks and open flames.

STABILITY AND STORAGE

PRO-CLEAR is stable for 24 months from the date of manufacture. Store at 15-30°C. Keep away from heat and flames.

USER QUALITY CONTROL

Each bottle of PRO-CLEAR should be clear and free of precipitates

SPECIMEN COLLECTION AND PREPARATION

Refer to Collection/Transport Sets Directions For Use, supplied with the products or available on request.

PROCEDURE

Materials Provided: PRO-CLEAR

Materials Not Provided: Ethanol, microscope slides, fixative and stain of choice.

Method of Staining

Stain according to the procedure described by the manufacturer of the stain or consult appropriate reference.

LIMITATIONS OF PROCEDURES

1. Evaporation of the PRO-CLEAR is necessary. Slides processed with PRO-CLEAR may require a longer drying time than those processed with Carbol-xylene and xylene (approx. 30 min).
2. Some carryover of decolorizing or staining solutions into the following step will occur. Lack of contrast results from carryover of decolorizer to the ethanol steps or failure to monitor the slide during decolorization. Staining over 30-50 smears daily will dilute and weaken the staining properties of the stain. **RESULTS:** Smears lack contrast or are too green in color. Smears may appear cloudy (caused by incomplete penetration of PRO-CLEAR). Change all solutions regularly to avoid problems.

BIBLIOGRAPHY

1. Gubash, S.M., and L. Milburn. 1990. Use the Terpene-based Products, with and without Anhydrous Alcohol as Clearing Agents in Trichrome Staining Technique for Intestinal Protozoa. J. CLIN. MICRO. 8:610-611.
2. Neimeister, R., A. L. Logan, and J.H. Egleton. 1985. Modified Trichrome Staining Technique With Xylene Substitute. J. CLIN. MICRO. 22:306-307.
3. Wheatley, W. 1951. A Rapid Staining Procedure for Intestinal Amoeba and Flagellates. AM JOUR. CLIN PATHOL. 21:990-991.

CONTACT

Alpha-Tec Systems, Inc. offers a complete line of reagents, stains, and QC1™ Quality Control Slides for AFB, Parasitology, Bacteriology, and Mycology processing, as well as O&P collection systems and concentration devices for Parasitology. For Technical Assistance, email Technical@AlphaTecSystems.com, and for Customer Service, email Sales@AlphaTecSystems.com, or call either [+1] 800.221.6058 (USA) or [+1] 360.260.2779 between 8AM and 4PM Monday through Friday, Pacific Time.

WARRANTY

This product is warranted by Alpha-Tec Systems, Inc. to perform as described in the labeling and literature supplied. Alpha-Tec Systems, Inc. disclaims any implied warranty or merchantability or fitness for any other purpose, and in no event shall Alpha-Tec Systems, Inc. be liable for any consequential damages arising out of aforesaid express warranty.

TRADEMARKS:

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PRODUCT CODES

0003336 PRO-CLEAR, 1 x 1 L



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GLOSSARY OF SYMBOLS



Batch code / Numéro de lot / Número de Lote / Numero di lotto / Lot Nummer / Lotnummer / Lotnummer / Šaržna številka / Número de lote



Catalog number / Référence du catalogue / Número de catálogo / Numero di catalogo / Katalognummer / Catalog number / Het aantal van de catalogus / Kataloška številka / Número de catálogo



In vitro diagnostic medical device / Pour usage diagnostique in vitro / Para uso diagnóstico in vitro solamente / Solo per uso diagnostico in vitro / Nur zur Verwendung als in vitro-Diagnostikum / Alleen voor in vitro diagnostisch gebruik / För invitrodiagnostik enbart / Samo za invitro diagnostiko / Apenas para uso em diagnóstico in vitro



Authorized representative in the European Community / Représentant européen autorisé / Representante Europeo Autorizado / Rappresentante europeo autorizzato / Autorisierter Europäischer Repräsentant / Gemachtigde Europese vertegenwoordiger / Auktoriserad europeisk representant / Pooblaščen evropski predstavnik / Representante Europeo Autorizado



Use-by date / Utiliser avant la date de péremption indiquée / Use antes de la fecha indicada / Utilizzare entro la data indicata / Bis zum angegebenen datum verbrauchen / Gebruik door vermelde datum / Använd innan angivet datum / Porabiti do navadenega datuma / Usar até à data indicada



Manufacturer / Fabricant / Fabricante / Produttore / Hersteller / Fabrikant / Fabrikant / Proizvajalec / Fabricante



Caution / Attention / Cuidado / Attenzione / Achtung / Voorzichtig / Iakttag försiktighet / Previdno / Atenção



Temperature limit / Conserver aux températures indiquées / Almacene entre las temperaturas indicadas / Conservare a temperature comprese fra quelle indicate / Im angegebenen Temperaturbereich aufbewahren / Opslaan bij een temperatuur tussen / Förvara mellan angivna temperaturer / Shranjevati med navedenimi temperaturami / Armazene entre as temperaturas indicadas



Contains sufficient for <n> tests / Contenu suffisant pour <n> tests / Contiene suficiente para <n> pruebas / Contenuto sufficiente per <n> tests / Enthält ausreichend für <n> untersuchungen / Inhoud voldoende voor <n> testen / Innehåller tillräckligt för <n> tester / Vsebina zadostuje za <n> testov / Contém quantidade suficiente para <n> testes



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