



U.S. Corporate Headquarters
400 Valley Rd.
Warrington, PA 18976
1(800) 523-2575 / (215) 343-6484
1(800)343-3291 fax
info@polysciences.com

Polysciences Europe GmbH
Handelsstrasse 3
D-69214 Eppelheim, Germany
+(49) 6221-765767
+(49) 6221-764620 fax
info@polysciences.de

Polysciences Asia-Pacific, Inc.
2F-1, 207 DunHua N. Rd.
Taipei, Taiwan 10595
(886) 2 8712 0600
(886) 2 8712 2677 fax
info@polysciences.tw

TECHNICAL DATA SHEET 996

Page 1 of 1

Rapid PTAH Stain Kit

Rapid Phosphotungstic Acid Hematoxylin (Rapid PTAH) Stain kit is used to demonstrate cross-striations of skeletal muscle as well as fibrin and collagen. Rapid PTAH is mercury free, and is used on formalin fixed, paraffin embedded (FFPE) tissue. Muscle striations, fibrin and nuclei are stained various shades of blue while collagen, reticulum, basement membranes and cartilage are stained various shades of red to red-brown. The Rapid PTAH is available in kits of 250 ml and 500 ml.

KIT CONTAINS

Solution A- Langeron's Iodine

Solution B- 5% Sodium Thiosulfate

Solution C- Phosphotungstic Acid Hematoxylin

PROCEDURE

1. Deparaffinize and hydrate tissue sections to water.
2. Preheat Phosphotungstic Acid Hematoxylin to 60° C.
3. Place slides in Langeron's Iodine for 10 minutes.
4. Transfer to 5% Sodium Thiosulfate for 5 minutes.
5. Rinse in tap water for 5 minutes.
6. Stain in preheated Phosphotungstic Acid Hematoxylin for approximately 1 hour at 60° C.
7. Quickly dehydrate slides in 95% ethanol, 2 changes of 100% ethanol and clear in xylene.
8. Coverslip using a synthetic resin.

RESULTS

Muscle, nuclei, cytoplasm, fibrin, and keratin- various shades of blue

Collagen, basement membranes, reticulum, and cartilage- various shades of red to red-brown

STORAGE

All reagents should be protected from light. Store at room temperature.

ORDERING INFORMATION

CAT.#	DESCRIPTION	SIZE
25715	Rapid PTAH Stain Kit	1kit

TO ORDER

In The U.S. Call: 1(800) 523-2575 • (215) 343-6484
In The U.S. Fax: 1(800) 343-3291 • (215) 343-0214

In Germany Call: +(49) 6221-765767
In Germany Fax: +(49) 6221-764620

In Asia Call: (886) 2 8712 0600
In Asia Fax: (886) 2 8712 2677

Order online anytime at www.polysciences.com