

Periodic Acid Schiff Stain Kit

IN VITRO DIAGNOSTIC DATASHEET

This kit is used for the demonstration of neutral mucins, glycogen and some early lipofuchsins.

INTENDED USE : IN VITRO DIAGNOSTIC USE

DESCRIPTION :

This kit is used for the demonstration of neutral mucins, glycogen and some early lipofuchsins. The technique is based upon the reactivity of free aldehyde groups within carbohydrates whereby the schiff reagent forms a bright red magenta end product.

SPECIMEN COLLECTION :

Formaldehyde based fixatives are recommended. Tissues should be processed and embedded in paraffin wax and cut at 5 microns. Avoid use of glutaraldehyde and mercuric fixatives. Can be used on resin sections.

REAGENTS :

	150 TEST	1000 TEST	2000 TEST
Periodic Acid Solution 1%	1x 50ml	1x 500ml	1x 1000ml
Schiff reagents (Feulgen)	1x 50ml	1x 500ml	1x 1000ml
Haemalum Mayer	1x 50ml	1x 500ml	1x 1000ml

** Number of TEST calculated according to 330 microliter per slide.*

CATALOG NO :

PLKit15-150

PLKit15-1000

PLKit15-2000

MICROBIOLOGICAL STATE : This product is not sterile.

PROCEDURE TIME : Approximate 50 minute.

PROTOCOL :

1. Dewax sections, hydrate through alcohols and rinse in tap water
2. Oxidise slides with periodic acid solution for 10 minutes
3. Wash well in several changes of distilled water
4. Stain with Schiff reagent for 30 minutes at room temperature
5. Wash slides well in running tap water for 5-10 minutes (sections should macroscopically be pink/magenta in colour).
6. Stain sections in haematoxylin for 5 minute.
7. Dip in %0,5 acid alcohol 1 second, Wash well in water.
8. Dehydrate, clear and mount.

RESULTS :

Nuclei	Blue-Black
Glycogen	Magenta
Neutral/sialomucins	Magenta
Various glycoproteins, early lipofuchsins	Magenta

STORAGE AND STABILITY : This product is stable for 36 months when stored in +2 / +8 C

TROUBLESHOOTING : Please contact Patolab Technical Support by e-mail (patolab@patolab.com.tr).