

Alcian Blue ph 1,0 Stain Kit

IN VITRO DIAGNOSTIC DATASHEET

This kit is used for the Histochemical staining of sulfomucins and sulphated containing proteoglycans.

INTENDED USE : IN VITRO DIAGNOSTIC USE

DESCRIPTION :

Sulfomucins and sulfate containing proteoglycans are ionised and negatively charged at a pH of 1.0. Thus, staining with alcian blue at pH 1.0 is due predominantly to the sulphate groups among the mucins or proteoglycans. Tissues that exhibit this staining include cartilage, goblet cell mucins of the large intestine and mucins of the bronchial serous glands.

SPECIMEN COLLECTION :

Fixation in routine Buffered Formalin solution is satisfactory.

REAGENTS :	150 TEST	1000 TEST	2000 TEST
Alcian Blue 8GX 1% in 0.1N HCL	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	PLKit300-150	PLKit300-1000	PLKit300-2000
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MICROBIOLOGICAL STATE : This product is not sterile.

PROCEDURE TIME : Approximate 30 minute.

PROTOCOL :

1. Bring sections to water.
2. Stain in the Alcian Blue 8GX 1% in 0.1N HCL for 30 minutes.
3. Wash well in distilled water.
4. Stain nuclei LIGHTLY with Haemalum Mayer for 30 seconds - 1 minute.
5. Differentiate quickly and blue in running water.
6. Dehydrate, clear and mount.

RESULTS :

Carboxylated Sialomucins, Hyaluronic Acid :	No Staining.
Sulphated Mucins, Proteoglycans :	Blue

STORAGE AND STABILITY : This product is stable for 36 months when stored in +15 /+25 C

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