

ALCIAN BLUE pH 2.5

Histochemical Method

100 Tests

APPLICATION :

For demonstration of the acid mucopolysaccharides in tissue sections

PRINCIPLE :

Alcian dyes belong to cuprophthalocyanine group ; they bind polyanions of acid mucopolysaccharides through saline bounds. Alcian blue reacts with polyanions whose components are sulphuric and carboxylic radicals (phosphate radicals of nucleic acids don't react). As result, acid mucins only are stained .

REAGENTS :

1.	Alcian Blue pH 2.5	50 ml
2.	Harris Haematoxylin	50 ml

METHOD :

1. Bring section to distilled water .
2. Put on the section 10 drops of Reagent 1, leave to act 25 min.
3. Wash in distilled water.
4. Put on the section 10 drops of Reagent 2, leave to act 5 min.
5. wash in distilled water.
6. Dehydrate through ascending alcohols; clear in xylene and mount .

RESULTS :

Acid mucopolysaccharides : Blue

Nuclei : Red

REFERENCE :

Mowry RW. J Hist . Cytochem 1958; 6 : 399

ALCIAN BLUE

Histochemical Method
+15 to +25°C **100 Tests**

CAT. No. AB 26 13

REAGENTS

R1	Alcain Blue	50 ml
R2	Haematoxylin	50 ml

CONTACTS

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