medilines

Best's Carmine Colour

DESIGN TO DEMONSTRATE

Glycogen

REAGENTS & PREPARATIONS

Best Solution A	**Best Solution A1**	
	Best Solution A2	Mix equal volumes of A1 and A2 prior to use (violet black in colour) and can be use within a weak or discard if it become brown.
Best Solution B	**Best Solution B1**	1.5 volume
	Best Solution B2	1.0 volume
	This should be made up immediately before use and can be use within 2-3 days	
Best Solution C	Ready to use	

TISSUE SAMPLE

4-5µ paraffin sections of 10% neutral buffered formalin fixed tissue. Carnoy's or alcoholic-formalin fixed tissues are more suitable

STAINING PROCEDURES

1. Remove Paraffin and bring sections to distilled water.
2. Place into the **Best Solution A** for 1 minute to stain Nuclei.
3. Rinse in distilled water.
4. Place into the **Best Solution B** for 15 minutes. (In some Ref 30min)
5. Differentiate **in Best Solution C** for a few seconds.
6. Rinse quickly in 70% alcohol.
7. Dehydrate in graded alcohols.
8. Clear in xylene, three or four changes.
9. Mount with synthetic resin.

EXPECTED RESULTS

Glycogen	Pink to red granules
Nuclei	dark blue

CONTROL

Liver.

References: (Best, 1906)
p 219 Cook H C, Manual of Histological Demonstration Techniques p 190 Bancroft JD & Stevens A, Theory and Practice of Histological Techniques 2nd ed.
Mallory, F.B.: Pathological Technique, New York, Hafner Publishing Co., 1961, pp. 126-128.

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medilines@medilines.com