

Carmine stain reagent for the demonstration of Glycogen in tissue sections. It gives a permanent preparation and is specific for Glycogen when used/ controlled with enzyme digestion.

Specification:

Contains organic dyes , solvent system containing solubility improvers and stabilisers. Ready to use.

Additional reagents required :

Harris acidified haematoxylin

1% acid alcohol

Differentiator fluid : Ethanol 20ml + Methanol 10ml + Distilled water 25ml.

Method – Section staining.**Digestion of sections:**

Bring sections to water. Digest with malt diastase (1:1000) in deionised water for 30 minutes at 37 C. Wash in water.

Stain procedure.

1 – Digest sections (see above)

2 – Stain in haematoxylin for 10 mins to stain nuclei.

3 – Rinse rapidly in 1% acid alcohol to clear the background.

4 – Wash well in tap water to remove acid alcohol.

5 – Stain in Best's Carmine stain for 10-15 minutes in a Coplin jar.

6 - Wash in Differentiator solution until red stain stops running from the slide (usually takes just a few seconds).

7 - Dehydrate through alcohols and xylene and mount coverslip in DPX.

8 - Examine.

Results:

Glycogen

Red

Nuclei

Blue

Storage:

Store reagent at cool room temperature in darkened cupboard away .

Health & Safety:

Contains organic dyes , which maybe harmful and irritant by skin contact and ingestion. Do not consume . If ingested seek immediate medical attention on what treatment is appropriate. Wash with soap and water in contact with skin. If in contact with eyes bathe eyes with eye-bath for 5 minutes. Seek medical attention if soreness persists. Wear suitable eye, face and body protection when using. Use in a suitably ventilated area or under a ventilated hood.. This product is for "In-vitro diagnostic use only ". Standard precautions for handling laboratory reagents should be followed when using this product. R: 11-22-23-25-40 S: 7-16-24-25-26-28-45

Waste disposal :

Mop up immediately with cloth and rinse to drain

Unused reagent can be disposed of by diluting with water to the Public Sewer.

Packaging should be rinsed with water and recycled as polyethylene, paper & cardboard.

Unsatisfactory performance

As part of our duty to monitor product performance and our policy of continual improvement. Please report to us any unsatisfactory performance you may experience with this product. If any reagent degrades before expiry of shelf life we will replace that reagent free of charge. GCC Diagnostics guarantees the quality of this product, the user should however determine the suitability of this product for their intended use.

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