

BA043 BORAX CARMINE(GRENACHER'S) ALCOHOLIC STAIN

Formula

Reagents:

Borax carmine	70.00 g
Methanol	300.00 ml
Distilled water	700.00 ml.

Directions:

1. Transfer material to 35-50% Borax Carmine Staining solution to stain for 3-24 hours.
2. Drop wise add concentrated HCL with agitating container vigorously until brick red floc of carmine is precipitated. Stand it for 6hours to overnight.
3. Add equal volume of 3% alcoholic HCL and mix with gentle agitation. Keep it till stained material settles. Decant stain repeating the process several times.
4. Cover the material about 3 mm deep in fresh 3% HCL in 70% alcohol in petriplate
5. Remove acid alcohol when cytoplasm is transparent.
6. Wash with two, 5 minutes changes of 80% alcohol, third change for 60 minutes.
7. Dehydrate, clear, mount in resinous medium.
8. Observe under oil immersion lens.

Quality control:

Appearance: Violet coloured solution

Microscopy:

Nuclei an fibrillar structures	- Deep pink
Cytoplasm	- Transparent

Storage: Below 30°C.

Packing: 100 ml

Warning & Precautions :

In Vitro diagnostic Use only. For laboratory use. Read the label before opening the container. Wear protective gloves/protective clothing/ eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets.

Use: Nuclear staining.To see nuclei and cytoplasmic organelles in whole organisms.

Disposal: User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques.

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

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