S0010 Albert stain No 1 GCC Diagnostics

General & useage information
Modified Albert stain based on acidified Toluidine blue for the demonstration of volutin granules and cytoplasm in diptheria organisms.
Available in 125ml, 250ml , 500ml sizes. The smaller packs are fitted with dispenser nozzles .

Storage and stability.

Keep the reagents in the packaging provided and ensure that the nozzles are closed to prevent evaporation and oxidation from the air. Store the at room temperature in a darkened cupboard. The reagents will remain stable in these conditions.
Additional reagents required –Alberts stain No 2, Alberts stain fixative**,** Microscope immersion oil

Preparation of reagents and useage information.

To prepare the reagent bottles for use, using scissors or similar device cut off the top 3mm of the nozzle or pierce the top of the nozzle with a nail or similar to make a small hole. Ensure that the nozzle cap will seal the nozzle.. If an excessive amount is cut off you may not be able to re-seal the nozzle, if this occurrs contact us for replacement nozzles.
In use carefully apply the nozzle to the slide and squeeze out sufficient reagent to cover the sample**.**
Excessive pressure is not required to release the reagents, ensure that the opening in the nozzle is sufficient to allow the reagent to flow without excessive pressure being applied.
The reagents are now ready to use.
Use a known positive control with the test slide to confirm that the reagent system is working.

Method (full Albert stain procedure)

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1 - Prepare air-dried smear and heat -fix the smear
2 - Flood slide with Albert stain No 1 for 1-2 minutes
3 - Rinse in water and blot dry on filter paper.
4 - Flood with Albert stain fixative for 1 minute, rinse & blot dry on filter paper.
5 - Flood with Albert stain No 2 for 1 minute, rinse & dry.
6 - Examine slide with oil immersion objective.

Results

Volutin granules - Black Cytoplasm and cytoplasmic barring - Red

GCC Diagnostics guarantees that the highest quality reagents are supplied with this product to give reliable results within the lifetime of this kit stored as directed. The user should however determine the suitability of this product for their intended use**.**

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. In the event of any reagent degrading before expiry of shelf life please contact us for a replacement.

Material safety data section
Albert stain No.1 contains organic dyestuffs <0.5%, Ethanol <5% Acetic acid <5%, balance water.
Albert stain No 2 contains organic dyestuffs <0.5%, glycols <5%, balance wa ter.
Albert stain fixative contans iodine <2%, balance water.

When using this product observe the usual rules for the safe handling and use of laboratory reagents, wear suitable body, face and eyes protection. Ensure eye bath station is nearby. There is a potential danger of liquid reagent squirting out of the nozzle of the bottle by accident or in mis-use, be aware of this potential danger. Keep top on reagent bottles at all times when not in use.
Albert stain No.1 - is low risk and considered generally harmless in oridinary use. It contains a small amount of acetic acid which may cause irritation to skin and eyes and internal organs. In contact with skin wash with soap & water. In contact with eyes, apply eye bath for 5 minutes. If any soreness persists seek medical advice and show this leaflet. In contact with mouth rinse with water for 1-2 minutes. The dyes in this reagent will stain the skin. Stain can be removed by several washes with soap & water. R36/38. S2 S20/21 S24/25 S36/37/39
Albert stain No.2 - there is no real risk in ordinary use. The reagent will stain skin and eyes etc which can be removed by serveral washes with soap & water or application of eye bath.S2 S20/21 S24/25 S36/37/39.
Albert stain fixative - there is no real risk in ordinary use. Iodine in this reagent will stain the skin etc and may irritate the eyes. If in contact wash skin with soap & water several times or use sodium thiosulphate to decolourise. Apply eye bath for 5 minutes if in contact with eyes. R36/38. S2 S20/21 S24/25 S36/37/39.

Waste disposal of reagents
All reagents in this kit maybe disposed of down the public sewer system by dilution with water.
The cleaned empty packaging should be recyled as polyethylene , cardboard, paper.

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