

**General & Usage information**

White Blood Cell Dilution Fluid.

This ready to use diluent is used to dilute white cells ( Leukocytes) in whole blood to enable counting by visual means. In the diluent the red cells are lysed but the leukocytes remain intact with their nuclei staining violet / black so they may be observed on the light microscope.

**Specification:**

Contains Gentian violet and acetic acid < 3% in aqueous solution. 500ml packs.

Shelf life 3 years. Store refrigerated at 4 C.

**Method:**

The reagent is ready for use.

The following notes are given for guidance only , we assume that the laboratory concerned will have its own standard procedure for WBC counting and that this would be followed.

Generally, the diluent is used at a 1 in 20 dilution with the blood, ie: by adding 20 microlitres of whole blood to 0.38 ml of WBC Dilution Fluid in a glass or plastic 75 x 10 mm tube. After sealing the tube, mix the diluted blood on a mechanical mixer for 2 minutes or rotate and invert the tube by hand over 2 minutes before proceeding  
Leukocytes nuclei will be observed as violet-black against a clear or colourless background.

Please contact us if information on WBC counting is required.

**Material safety data section**

Prepared reagent may irritate the skin and eyes and other tissue. . Do not consume this reagent. . In normal usage there is no serious risk to physical Health & Safety. If in contact with eyes rinse with eye batch for 5 minutes. If soreness persists seek medical attention. In case of contact with skin wash with soap and water. If ingested, wash out mouth with water, do not swallow rinse water, seek medical attention on what treatment to administer. R: 36 S: 24-25-36

**Waste disposal :**

In the volumes involved in this procedure, the product can be disposed of to the public sewer system diluting it with water during disposal. However, local regulations may change and the user should follow local regulatory requirements.  
The bottle is polyethylene and should be re-cycled.

**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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