

General & Usage information

Red Cell Dilution Fluid.

This ready to use diluent is used to dilute red cells in whole blood to enable counting by visual means.

In the diluent the red cells maintain their normal disc-like form and are not agglutinated.

The red cells are well preserved and counts may be performed several hours after the blood has been diluted.

Specification:

Contains trisodium citrate and formaldehyde < 1% in aqueous solution. 500ml packs.

Shelf life 2 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 RBC counting and that this would be followed.

Generally, the diluent is used at a 1 in 200 dilution with the blood, ie: by adding 20 microlitres of whole blood to 4 ml of RBC Dilution Fluid in a glass or plastic 75 x 12 mm tube. After sealing the tube, mix the diluted blood on a mechanical mixer for 2-3 minutes or rotate and invert the tube by hand over 2-3 minutes before proceeding

Please contact us if information on RBC 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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