

Product Information Sheet

Intended Purpose

CytoKleen is a cleaning agent intended for rinsing and removal of residual protein deposits or cellular debris in the sample path/fluidics of Flow Cytometers.

CytoKleen is for Research Use Only.

Summary and Principles

Cell suspensions that are loaded into flow cytometers typically contain proteins that can build up within the fluidics of the instrument. The protein build up will, over time, lead to blockages within the fluidics. Analysis of adherent cell types can also leave behind debris in the sample path that will have a similar effect. Proper flow cytometer maintenance is key to achieving consistent performance from the instrument and part of that work should be to ensure any protein build up is removed.

CytoKleen is an enzyme-based cleaning solution provided ready-to-use for routine removal of residual protein and cellular debris. CytoKleen can be used for cleaning tasks in place of other enzymatic cleaners where the instrument manufacturer indicates the use such reagents for the removal of protein build up.

Reagents

CytoKleen is a buffered solution that contains a proteolytic enzyme and non-ionic detergent.

GHS Hazard Classification

CytoKleen is an aqueous solution without hazardous components. For further information refer to the Safety Data Sheet.

Precautions and Warnings

1. CytoKleen is intended for use as specified in this document. It is a Research Use Only reagent for professional use.
2. Do not use CytoKleen after the expiration date on the bottle and packaging.
3. Do not freeze CytoKleen.
4. SDS can be obtained at www.caltag.co.uk or by calling +44(0)1280 827460.

Storage Conditions and Stability

CytoKleen is stable until the expiration date shown on the bottle label when stored as directed.

Store CytoKleen in a cool, dry place and keep the container tightly closed when not in use.

Procedure

CytoKleen can be used for cleaning tasks related specifically to the removal of protein build up in the fluidics of the flow cytometer. CytoKleen is suitable for use in place of other enzymatic cleaners as specified by the instrument manufacturer in accordance with the relevant user manual.

Disposal

Dispose of with proper precautions in accordance with national and local regulations. Do not reuse the container.

Ordering Information

Please call Caltag on +44(0)1280 827460 or email support@caltag.co.uk for assistance. Additional information can be found online at www.caltag.co.uk.

Related Products:

- **CytoSheath:** is sheath fluid formulated to work with major flow cytometers.
- **CytoRinse:** is a sodium hypochlorite solution essential for routine cleaning and decontamination.

Additional information can be found online at www.caltag.co.uk.



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Product Description	Catalogue Numbers
CytoKleen	CYTO-2001