A Sysmex Group Company

CytoCell

Instructions For Use

REF: DES 500L, DES 1000L, DFS 500L, DSS 500L

DAPI Antifade ES / DAPI Antifade FS / DAPI Antifade SS

PRODUCT FOR GENERAL LABORATORY USE

FOR LABORATORY USE

PROFESSIONAL USE ONLY

ogt.com/IFU

Further information and other languages available at ogt.com/IFU

Intended Purpose

DAPI Antifade ES, FS, and SS counterstain solutions are reagents intended to aid visualisation of hybridised DNA fluorescence *in situ* hybridisation (FISH) probes using fluorescence microscopy.
This product is intended for general laboratory use or use in a Laboratory Developed Test (LDT). If used as part of an LDT, it is the responsibility of the laboratory developing the test to validate the test before use in a clinical setting.

Table 1: DAPI Antifade ES/FS/SS

Catalogue Number	Description	Volume
DES 500L	DAPI Antifade ES (0.125µg/ml DAPI (4,6-diamidino-2-phenylindole) in glycerol-based mounting medium)	500µl
DES 1000L	DAPI Antifade ES (0.125µg/ml DAPI (4,6-diamidino-2-phenylindole) in glycerol-based mounting medium)	1000µl
DFS 500L	DAPI Antifade FS (1µg/ml DAPI (4,6-diamidino-2-phenylindole) in glycerol-based mounting medium)	500µl
DSS 500L	DAPI Antifade SS (0.0625µg/ml DAPI (4,6-diamidino-2-phenylindole) in glycerol-based mounting medium)	500µl

This DAPI Antifade ES/FS/SS kit contains only one of the four products noted above.

Materials Provided

DAPI Antifade ES counterstain solution: 500µl per vial or 1000µl per vial or
DAPI Antifade FS counterstain solution: 500µl per vial or
DAPI Antifade SS counterstain solution: 500µl per vial

Warnings and Precautions

1. Product for General Laboratory Use. For laboratory professional use only.
2. USA: General Purpose Reagent (GPR). For Laboratory Use.
3. Handle DAPI with care; wear gloves and a lab coat.
4. Do not use if the vial(s) are damaged, or the vial contents are compromised in any way.
5. Follow local disposal regulations for your location along with recommendations in the Safety Data Sheet to determine the safe disposal of this product. This also applies to damaged test kit contents.
6. Dispose of all used reagents and any other contaminated disposable materials following procedures for infectious or potentially infectious waste. It is the responsibility of each laboratory to handle solid and liquid waste according to their nature and degree of hazardousness and to treat and dispose of them (or have them treated and disposed of) in accordance with any applicable regulations.
7. Users should ensure that the correct concentration of DAPI Antifade is selected according to their application

Storage and Handling



The DAPI Antifade ES/FS/SS should be stored between -25ºC to -15ºC in a freezer until the expiry date indicated on the label.
The DAPI must be allowed to warm up at room temperature for 10 minutes prior to use.



Store the DAPI Antifade ES/FS/SS in the dark. Exposure to light should be minimised and avoided wherever possible.

Equipment and Materials Necessary but not Supplied

Calibrated equipment must be used:
1. Variable volume micropipettes and tips range 1µl - 200µl.
2. Consult the protocol of your own validated LDT for any additional equipment and materials necessary but not supplied.

Fluorescence Microscope Recommendation

Consult the protocol of your own validated LDT for the appropriate microscope filter(s) to use.
Check the fluorescence microscope before use to ensure it is operating correctly. Use immersion oil that is suitable for fluorescence microscopy and formulated for low auto fluorescence. Avoid mixing DAPI antifade with microscope immersion oil as this will obscure signals. Follow manufacturers' recommendations in regards to the life of the lamp and the age of the filters.

FISH Protocol

(Note: Ensure that exposure of the probe and counterstain to laboratory lights is limited at all times).

1. Consult the protocol of your own validated LDT.

Additional Information

For additional product information please contact the CytoCell Technical Support Department.
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Symbols Glossary

EN ISO 15223-1:2021 - "Medical devices - Symbols to be used with information to be supplied by the manufacturer - Part 1: General requirements" (© International Organization for Standardization)		
Symbol	**Title**	**Reference Number(s)**
	**en:** Manufacturer	5.1.1
	**en:** Use-by date	5.1.4
	**en**: Batch code	5.1.5
	**en:** Catalogue number	5.1.6
	**en:** Keep away from sunlight	5.3.2
	**en:** Temperature limit	5.3.7
	**en:** Consult instructions for use	5.4.3
 ogt.com/IFU	**en:** Consult electronic instructions for use	5.4.3
EDMA symbols for IVD reagents and components, October 2009 revision		
Symbol	**Title**	**Reference Number(s)**
	**en:** Contents (or contains)	N/A

Регистрация МИ в Росздравнадзоре
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Patents and Trademarks
CytoCell is a registered trademark of Cytocell Limited.

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IFU Version History
V001 2020-10-30: New IFU for DFS 500L and DSS 500L.
V002 2022-05-26: Addition of DES 500L and DES 1000L.

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