1A-272
Fat Red 7B

1A-274
Oil Red 7B

1A-276
Sudan Red 7B
In-vitro diagnostic agent

Description

The product Fat Red 7B is supplied in 3 different pack sizes: 1A-272.00010 (10g bottle), 1A- 272.00025 (25g bottle) and 1A-272.00100 (100g bottle). The product Oil Red 7B is supplied in 3 different pack sizes: 1A-274.00010 (10g bottle), 1A-274.00025 (25g bottle) and 1A-274.00100 (100g bottle). The product Sudan Red 7B is supplied in 5 different pack sizes: 1A-276.00010 (10g bottle), 1A-276.00025 (25g bottle), 1A-276.00100 (100g bottle), 1A-276.00500 (500g bottle) and 1A-276.01000 (1kg bottle).

It is a dry dye for preparing a staining solution for professional users for application in histology.

Main components

Fat Red 7B (C.I. 26050)	100%

Purpose

The dye "Fat Red 7B" is used for cell diagnostics for the examination of histological samples. The dye is used to prepare a solution (e.g. in isopropanol). In solution, the dye can be used for staining lipids in histological samples.

Sample material and sample preparation

Sampling may only be carried out by qualified personnel. All samples must be processed with state-of-the-art technology. All samples must be clearly labelled.

Sample material: Frozen sections of formaldehyde-fixed tissue

Test principle

The dye has an affinity for lipid structures, which is why it is used in histology and cytology for fat staining. The dye dissolves better in lipids than in their solvent and thus enables visualisation of fats.

Waldeck GmbH & Co. KG
Havixbecker Str. 62
48161 Münster
Deutschland
Amtsgericht Münster
HRA 1926

Komplementärin:
Wahlig Beteiligungs- und
Verwaltungsgesellschaft mbH
Amtsgericht Münster
HRB 692

Geschäftsführer:
Wilhelm Wahlig
Ingo Gerdes

Bankverbindungen:
SPK Westmünsterland
IBAN:
DE49401545300036060184
BIC:
WELADE3WXXX

USt.-Id.-Nr.:
DE126046718
Steuer-Nr.:
5336/5779/0252
Gläubiger-ID:
DE67ZZZ00000021849

Kontakt:
Tel. +49 2534 970 0
Fax +49 2534 970 258
info@waldeck-ms.de
www.waldeck-ms.de

Staining

For an optimal dyeing result, the indicated times should be observed.

First wash formaldehyde-fixed frozen sections in distilled water. Then incubate them in 50% alcohol for 3 minutes. The staining is done with fat red 7B for 10-30 minutes. Afterwards, the samples are briefly rinsed in 50% alcohol. Haemalaun or methylene blue solution is recommended as a nuclear counterstain. Rinse the samples briefly in distilled water and blue them for 10 minutes under running tap water. Finally, the samples are covered in a water-soluble covering medium (e.g. glycerine) for microscopy.

Result

Lipids	red-orange

In the case of nuclear counterstaining with haemalaun or methylene blue solution

Cell nuclei	blue

Precautionary measures

When removing the product, care must be taken to avoid contamination of the storage vessel. Once the solution has been removed, it must not be returned to the canister. If turbidity or solids appear, discard the product. The product is intended for single use and must not be reused.

Storage and shelf life

Store the unopened containers in a dry place at 15 to 25 °C, avoiding direct sunlight.
The shelf life is 5 years. See also the best-before date (BBD) on the label. Once the containers have been opened, the shelf life corresponds to the best-before date, as long as the storage conditions are observed and the solution is handled properly.

Safety notice

If any serious incidents occur in connection with the product, please report them to the manufacturer and the national authority.

Literature

Romeis, Mikroskopische Technik, Editors: Maria Mulisch, Ulrich Welsch, 2010, Springer Spektrum, 18th edition

Waldeck GmbH & Co. KG
Havixbecker Str. 62
48161 Münster
Deutschland
Amtsgericht Münster
HRA 1926

Komplementärin:
Wahlig Beteiligungs- und Verwaltungsgesellschaft mbH
Amtsgericht Münster
HRB 692

Geschäftsführer:
Wilhelm Wahlig
Ingo Gerdes

Bankverbindungen:
SPK Westmünsterland
IBAN:
DE49401545300036060184
BIC:
WELADE3WXXX

USt.-Id.-Nr.:
DE126046718
Steuer-Nr.:
5336/5779/0252
Gläubiger-ID:
DE67ZZZ00000021849

Kontakt:
Tel. +49 2534 970 0
Fax +49 2534 970 258
info@waldeck-ms.de
www.waldeck-ms.de





Waldeck GmbH & Co. KG
Havixbecker Str. 62
48161 Münster
Deutschland
Amtsgericht Münster
HRA 1926

Komplementärin:
Wahlig Beteiligungs- und
Verwaltungsgesellschaft mbH
Amtsgericht Münster
HRB 692

Geschäftsführer:
Wilhelm Wahlig
Ingo Gerdes

Bankverbindungen:
SPK Westmünsterland
IBAN:
DE49401545300036060184
BIC:
WELADE3WXXX

USt.-Id.-Nr.:
DE126046718
Steuer-Nr.:
5336/5779/0252
Gläubiger-ID:
DE67ZZZ00000021849

Kontakt:
Tel. +49 2534 970 0
Fax +49 2534 970 258
info@waldeck-ms.de
www.waldeck-ms.de