

IVD MEDICAL DEVICE FOR IN VITRO DIAGNOSTICS **CE****NAME** PARAFFINE 56/58 without DMSO RS 2kg x 4**European Medical Device Nomenclature (EMDN)** W01030704 **EMBEDDING MEDIA
(HISTOLOGY/CYTOLOGY)****Available packaging****467958** Paraffin 56/58 without DMSO Packaging 2kg x 4**Intended use**

Impregnating agent and inclusion medium for histological specimens.

Principle

Paraffin is a mixture of solid hydrocarbons at room temperature, it is used as a means of inclusion of previously fixed and dehydrated histological samples. Paraffin penetrates inside the fabrics giving a homogeneous consistency suitable for microtome cutting (cuts 4 to 5 microns thick). Paraffin is the most used means of inclusion, because it makes it possible to obtain cuts of fabrics of all thicknesses, it can be used for all types of fabrics, it is easy to prepare and handle and it guarantees storage and conservation of the piece for an almost unlimited period.

Main components

- Hydrocarbon mixture

Warnings and precautions

The product is intended for specialized technical personnel.

The product is ready for use.

Read the information on the indications of danger and precautionary statements on the label carefully. Always **consult the safety data sheet** (accessible from the website at <https://www.carloerbareagents.com/cerstorefront/cer-fr/>) where you can find information on the risks presented by the product, the precautionary measures to be taken during use, first aid measures and the response measures in case of accidental release.

Do not use if primary container is damaged.

Reagents shall be produced with uniform methods in accordance with bibliographic references and verified in accordance with quality control specifications.



Procedure

Fixing of the levy	
Dehydrate the sample with ethyl alcohol 80°	2 hours
Dehydrate the sample with ethyl alcohol 80°	1 hour
Dehydrate the sample with ethyl alcohol 95°	1 hour
Dehydrate the sample with ethyl alcohol 95°	1 hour
Dehydrate the sample with absolute ethyl alcohol	1 hour
Dehydrate the sample with absolute ethyl alcohol	1 hour
Dehydrate the sample with absolute ethyl alcohol	1 hour
Dehydrate the sample with absolute ethyl alcohol	1 hour
Clarify in Xylene	1 hour
Clarify in Xylene	2 hours
Impregnate with melted paraffin	2 hours
Impregnate with melted paraffin	2 hours
Impregnate with melted paraffin	2 hours
Permanently include the impregnated fabric in a block of liquid paraffin which is then solidified on a cooling plate	
Cut the sections with a microtome	

Remark

To use paraffin with the autoprocessor, refer to the instructions attached to the processor itself.

Stability

The product is stable under normal storage conditions.

There is no particular risk of reaction with other substances under normal conditions of use.

Shelf life of the product

The product has a shelf life of 6 years, in unopened and properly stored packaging.

Close the bottle after use.

After the first opening, the product can be used for 6 months or within the limit of the total shelf life.

Storage conditions

Products are packaged in appropriate containers, with a sealed cap; They must be kept tightly closed, protected from light, in a cool, dry place.

Recommended temperature range for storage: 5-30°C

Waste disposal

For more information on disposal, please refer to the safety data sheet. It is advisable to follow appropriate safety precautions when handling, processing and disposing of all clinical specimens, as pathogenic organisms may be present

References

Staining Procedures – Edited by G.Clark 4th Ed. – Williams & Wilkins Baltimore/London.

V.Mazzi, Manuale di Tecniche Istologiche ed Istochimiche – Piccin Editore Padova.

English version

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