

Biodec R

IVD In-vitro diagnostic medical device **CE**

CND Code: W01030799

Catalog number	Unit size
05-M03009	500 ml
05-03009Q	4 x 2,5 l

Packaging

- 05-03009Q

Primary container: white bottle in polyethylene terephthalate (PET). Useful capacity 2.5 liters. HDPE cap. Tamper evident cap.

The polyethyleneterephthalate is a thermoplastic polymer of the polyester family. PET is an optimal oxygen, carbon dioxide and other gasses barrier. This material has a high resistance to ultraviolet radiation and an inertia toward the mainly chemical agents (solvents: xylene, limonene, liquid paraffines, alcohols, acids, bases etc.). It is biologically inert. It constitutes a good water and humidity barrier. It shows a great hardness and mechanical resistance.

The bottle has an optimal grip. The absence of the handles reduces space for storage. The anti-dropping cap permits a precise and clean use.

Secondary container: carton box.

- 05-M03009

Primary container: white bottle in High Density Polyethylene (HDPE). Useful capacity 500 ml. HDPE cap. Tamper evident cap.

Wear, water, alcohol and solvents resistant PVC label. Scratchproof ink resistant to water and alcohol.

Expected aim

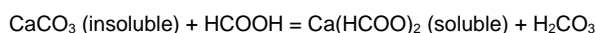
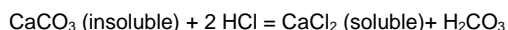
Product for the preparation of cyto-histological samples for optical microscopy.

Application

Diacid mixture with saline corrector. Rapid decalcifier acting on all mineralized tissues: compact bone, concretions or calcareous deposits in fleshy tissues. A corrector has been added to limit tissue swelling caused by acids.

Principle

At the base of the demineralization process is the chemical reaction between the tissue calcium (mainly in the form of carbonate, phosphate, oxalate and urate) and hydrochloric acid and formic acid contained in the decalcifier solution



Fixation technique

- 1) Volume ratio specimen/decalcifier 1 : 100
- 2) Procedure time 6-12 hours < 5 mm thickness.
- 3) Post decalcifying procedure - reconditioning of the sample -: rinse with slowly running water for 1 hour or apply 3 changes of PBS pH 7.4, 20 minutes each.

Components

Components	CAS	CE	Index
Hydrochloric Acid	7647-01-0	2315957	017-002-00-2
Formic Acid	64-18-6	2005791	607-001-00-0
Saline Corrector			
Distilled water			

Warning and precaution

The product must be used exclusively by specialized technical operators.

Carefully read the information on the classification of dangerous substances on the label. Always refer to the safety data sheet where are available the information on the risks presented by the mixture, the precautionary measures during use, the measures first aid and the intervention in the event of accidental release.

Do not use if the primary container is damaged.

Storage	Store the preparation at room temperature. Keep the containers tightly closed.
Stability	After the first opening, the product is usable until the expiry date, if correctly stored. Product validity: 2 years.
Disposal	Hazardous preparation: observe all state and local environmental regulations regarding waste disposal.

Date of issue: December 2013