

IVD dispositivo medico-diagnostico in vitro

Malachite green solution technical information

Technical card code 09-306

Product code 09-306

Stability of product properly conserved at 15-25°C 24 month.




Pack 100-200 ml or on request

Produce in Italy by

DDKItalia S.r.l.

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in case of emergency UE number		112
in case of emergency UK number		999
en cas d'urgence Suisse number		145

Application

Malachite green can be use as accontrast stain in the modified Ziehl Neelsen for the detection of cryptosporidium. With this method cryptosporidium can be highlighted due to their properties to recruit and retain basic fuchsin, and resisting the bleaching treatment with mineral acids and alcohol.

Method

1. Stain section whit carbolfuchsin solution 10 minutes.
2. Wash in distilled water
3. Decolorizing solution 10-15 second.
4. Wash in distilled water
5. Counter stain whit malachite green solution for 30 second.
6. Wash in distilled water and air-dry slides.
7. Examine under microscope in immersion oil

Results

Cryptosporidium oocysts (4 to 7 μ m in diameter)	red
Background	pale green

Notes.

Distilled water or tap water can be used for rinsing and hydration.

Always check the pH of your tap water and the levels of chlorine before proceeding with any type of biological tissue, and stain.

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