

Calcium-Magnesium Veronal Buffer

For in vitro veterinary diagnostic use

Product code: VB

Introduction

The Calcium Magnesium Veronal Buffer pH 7.2 is used to dilute the sera and reagents for the complement fixation test. It allows to obtain precise pH conditions and to reduce the number of anti-complement sera. The presence of Ca⁺⁺ and Mg⁺⁺ ion reinforces complement activity.

Reagent composition

Calcium-Magnesium Veronal Buffer		
Sodium chloride	8,500 g	1 bottle to be reconstituted with 1L of distilled water <u>Stability:</u> 2 months at 2 – 8°C after reconstitution (do not contaminate).
Diethylmalonylurea	0,575 g	
Sodium diethylmalonylurea	0,185 g	
Magnesium chloride	0,168 g	
Calcium chloride	0,028 g	
pH 7,2		

Reagents required but not supplied

Reagents	Material :
Complement (ref CPLT-Xml)	Micropipettors allowing for the distribution of 3.5 ml.
Hemolytic serum.	Bain-marie.
Sheep red blood cells 50 %.	Round bottomed microplates
Antigen for complement fixation test	

Precautions of use

- For in vitro diagnostic use only.
- Do not use reagents after the expiry date.
- Do not mix reagents from different batches.
- Do not pipette by mouth.

Storage conditions

- Store in freeze-dried form at 21°C ± 5°C.
- The reagent is stable until the expiry date indicated on the label, if stored under the prescribed conditions.

Protocol

- The bottle of powder must be reconstituted with 1L of distilled water.
- Do not contaminate.

Waste disposal

- Unused reagents may be eliminated as non-dangerous waste.

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