

# Complement Fixation Test Buffer

Concentrated CFT Buffer 20X

For *in vitro* veterinary diagnostic use

Product code: CFTB

## Introduction

The Complement Fixation Test 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<sup>++</sup> and Mg<sup>++</sup> ions reinforces complement activity.

## Reagent composition

<b>Calcium-Magnesium Hepes Buffer</b>	<b>1 bottle 20X of 50mL</b> <b>Q.S for 1L of distilled water</b>
<b><u>Stability at 2- 8°C:</u></b>	
<ul style="list-style-type: none"> <li>• 3 years in 20X concentrated form (expiry date indicated on the label).</li> <li>• 2 months in ready-to-use 1X form (do not contaminate).</li> </ul>	

## Reagents required but not supplied

<b><u>Reagents:</u></b> Complement (ref CPLT) Hemolytic serum (ref : HS). Sheep red blood cells 50 %. Antigen for complement fixation test	<b><u>Material :</u></b> Laboratory material and consumables mentioned in the CFT standard in force.
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## 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 at 2 – 8°C.
- The reagent is stable, in its 20X concentrated form, until the expiry date indicated on the label, if stored under the prescribed conditions.

## Protocol

- Each bottle of 20X concentrated buffer must be diluted with a quantity of distilled water sufficient for 1 liter.
- Mix well.
- Do not contaminate.

## Waste disposal

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

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