

# Doctor Vida Lysis Buffer

Ref. 133001017





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## OVERVIEW

The Doctor Vida Lysis Buffer is a solution containing detergents designed for effective cell disruption and protection of DNA molecules from degradation. This product is only compatible with Doctor Vida Customized LAMP Master Mix (ref. 133001010) and Universal LAMP Master Mix (ref. 133001018).

## APPLICATIONS

Doctor Vida Lysis Buffer is suitable for cell disruption of several types of samples, such as, environment, plants, humans, and animals.

## KIT CONTENTS

Doctor Vida Lysis Buffer (ref. 133001017).

## SHIPPING AND STORAGE

The product is shipped and stored at 2-8°C.

## PRODUCT USE LIMITATIONS

This product is only compatible with Doctor Vida Customized LAMP Master Mix (ref. 133001010) and Universal LAMP Master Mix (ref. 133001018).

## SAFETY INFORMATION

When working with chemicals, always wear a suitable lab coat, disposable gloves, and protective goggles. For more information, please consult the safety data sheet (SDSs) available online in convenient and compact PDF format at <https://doctorvida.store/>. STAB VIDA recommends to have available the contacts of medical emergency and poison center for all staff members.

## EQUIPMENTS AND REAGENTS NOT PROVIDED WITH THE PRODUCT

- Pipets and pipet tips (aerosol resistant)
- Laboratory consumables
- Doctor Vida Customized LAMP Master Mix (ref. 133001010) or Universal LAMP Master Mix (ref. 133001018).

## PROTOCOL

1. Dispense 200µl of lysis buffer in the 1.5ml microcentrifuge tubes.

Important note 1: The volume of lysis buffer used to resuspend the sample should be optimized based on the sample type. Higher volumes of lysis buffer might be required.

2. Add the sample (raw material or 1-5 uL of extracted DNA) to the Doctor Vida lysis buffer. Vortex in order to homogenize. Use this solution as “Lysate”.

Important note 2: A minimum of 10 ng of DNA sample is recommended to be added to the lysis buffer.

Important note 3: Solid samples, such as plant leaves, may need to be crushed in water before being added to the lysis buffer.

Important note 4: The amount of sample to be added to the lysis buffer should be optimized.

3. Incubate the lysate (sample in lysis buffer) 10 - 30 minutes at room temperature before proceeding. Lysate can be immediately used after incubation or can be stored for maximum 24h in the fridge.

## MANUFACTURER INFORMATION

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