

INTENDED USE

WizDx™ Ez-Buffer is designed to direct-PCR using swab sample without nucleic acid purification. Samples such as sputum, oropharyngeal swab, and nasopharyngeal swab are suitable materials. This product is optimized for CrystalMix® products.

Kit Contents

Component	Amount
WizDx™ Ez-Buffer	100 ml

Applications

- Direct-PCR for CrystalMix® PCR Kit

Storage Conditions

Store all components at room temperature.

REAGENT AND EQUIPMENT TO BE SUPPLIED BY THE USER

- Micropipette & sterile pipette filtered tips
- 1.5ml micro-centrifuge tube
- Vortex mixer & micro-centrifuge
- Programmable heating block
- Protective ware and Disposable gloves

TEST SAMPLE

- Sputum, oropharyngeal swab, and nasopharyngeal swab samples

SAMPLE COLLECTION, STORAGE AND TRANSPORTATION

- Collect samples in sterile tubes.
- Specimens can be extracted immediately or frozen at -20°C to -80°C.
- Transportation of clinical specimens must comply with local regulations for the transport of etiologic agents.

PROTOCOL

- 1) Prepare 700µl of Ez-buffer to 1.5ml micro tube.
- 2) The sample (swab) into Ez-buffer and cut the tip of the swab.
- 3) Close the cap immediately & labeling
- 4) Heating for 5 minutes at 90°C.
- 5) Centrifuge for 1 minute.
- 6) Use 5~20µl of supernatant directly to PCR reaction.

☞ If you can not test immediately, keep the lysate in the freezer. the lysate stable for 1 month.

WARNINGS AND PRECAUTION

- Carefully read this instruction before starting the procedure.
- Only use by authorized person.
- Do not use any reagent after the expiration date.
- Always wear personal protective equipment (gloves and a mask) when handling biohazardous agents in compliance with national regulations.
- Always use sterile, filtered pipette tips.
- Take care of the handling of the specimen to minimize the risk of infection.
- Dispose of waste in compliance with national or regional regulations after the test.

QUALITY CONTROL

In accordance with Wizbiosolutions Inc. ISO 13485-certified Quality Management System, each lot of WizDx™ Ez-Buffer is tested against predetermined specifications to ensure consistent product quality.

Quality Authorized by : Jamie Ahn 

