

NucleoGene Molecular Transport and Direct PCR Reagent (MTDP) Instructions For Use

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For transport and lysis from samples.
Suitable for diagnostic use.
For professional use only.

NG111- 150 Tubes

INTRODUCTION

NucleoGene Molecular Transport and Direct PCR Reagent (MTDP) contains 2 mL extractive and protective liquid for viral nucleic acid. The clinical specimens from patients having suspicious respiratory tract infections can be used directly in real-time PCR (qPCR) reactions after they are transferred into extractive and protective liquid. When clinical specimen is put into extractive and protective liquid, it will inactivate viral, bacterial and eukaryotic pathogens after 5 mins.

PROTOCOL

Swab sample will be placed into COVID-19 Transfer Tube by breaking it from weak spot in the middle. The screw cap tube is tightly closed. The sample is waited for at least 5 minutes before being used in qPCR reactions.

TRANSFER, ANALYSIS AND STORAGE PROTOCOL

- 1- NucleoGene Molecular Transport and Direct PCR Reagent (MTDP) Transfer Tube containing the clinical specimen is delivered to the laboratory at 2-8 ° C within a maximum of 3 days.
- 2- Tube is vortexed at highest speed for 15 seconds.
- 3- The clinical sample is ready to use in qPCR reactions.
- 4- If the specimens will not be used in qPCR analysis instantly, they can be stored at 2-8 ° C for 5 days at the latest. On condition that more delays are expected, the clinical specimens can be stored at -20 ° C for 1 year.

qPCR ANALYSIS PROTOCOL

The clinical specimens which are delivered with COVID-19 Transfer Tube can be put into qPCR reactions without the need for any process. The added sample volume should not be exceed %25 of total qPCR reaction volume.

First Aid Measures

Skin Contacts; Get medical aid. Immediately flush skin with soap and water while removing contaminated clothing and shoes.

Eye Contact; Immediately flush eyes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Inhalation; Remove from exposure to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Ingestion; Do not induce vomiting. If victim is conscious and alert, give 2-3 cups of water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

