

TrusEX Saliva and Swab Extraction-Free Buffer

Instructions for Use (Handbook)

For crude extraction of nucleic acids from saliva and swab

Catalog Numbers: TBRA030
Revision: V1.0
For Research use only



July 2022



TrustBio Corporation



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Kit Contents and Storage

Kit Contents

Catalog no.	Product Name	Spec.
TBRA030	TrusEX Saliva and Swab Extraction-Free Buffer	1ml x1

Buffer Storage

TrusEX Saliva and Swab Extraction-Free Buffer should be stored at room temperature upon arrival and is stable for at least 18 month.

Lysate Storage and Stability

- ◆ Lysate stability will vary by sample type.
- ◆ DNA: Stable at room temperature for 72 hours.
- ◆ RNA: Stable at room temperature for 24 hours.

Introduction

The TrusEX Saliva and Swab Extraction-Free Buffer is designed for crude extraction of nucleic acids from saliva and swab. The procedure upon sample loading until completes in about 10 minutes. The buffer is stable at room temperature. The extracted nucleic acids which can be directly used for downstream molecular biology applications such as PCR, qPCR and RT-qPCR-based analysis.

Protocol

1. Add TrusEX Saliva and Swab Extraction-Free Buffer to the sample in a 1:1 ratio.
2. Mix completely and incubate the sample at 95 °C for 10 mins or mix completely by TrustBio's grinder tube and incubate at room temperature for 10 mins.
3. Proceed the sample with PCR analysis.

Noted :

A. Primers should be designed to avoid DNA amplification if extracted RNA will be used for PCR.

Troubleshooting guide

This troubleshooting guide may be helpful in solving common problem. For more question or information, please contact with TrustBio Technical Service info@trustbio.com. Our specialist in TrustBio Technical Service will be glad to response your question and please feel free to discuss with us. TrustBio will be always with you.

Lower or no nucleic acids

Samples frozen and thawed repeatedly	Repeatedly freezing and thawing would lead to nucleic acids degradation. Will suggest to using fresh samples or samples thawed only once before extraction.
No signal in the downstream analysis	Readjust the amount used for PCR to avoid inhibition.

Document Revision History

Document Revision Information	
Version	Publish Date
V1.0	July 2022

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www.trustbioo.com



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