



PRODUCT INFORMATION

Product Name:

PROCEEDxTMFLOQ[®] SARS-CoV-2 B.1.351 Swab Positive Sample

Catalogue Number:

VP-S-19-04

Product Description:

This product contains whole genome SARS-CoV-2 B.1.351 cDNA and human fibroblast cells desiccated on a swab.

SPECIFICATIONS

Strains:

SARS-CoV-2 B.1.351 whole genome cDNA

Storage:

Store this preparation at 2 °C to 30 °C.

Shelf Life:

1 year from manufacturing date.

USE

Instructions For Use:

When including the PROCEEDxTM FLOQ[®] SARS-CoV-2 Swab Positive Sample in a test run, the exact same procedure for unknown specimens collected in on a swab must be used. Refer to the manufacturer supplied instructions for use provided with the SARS-CoV-2 test kit.

Intended Use:

The product is to be used **for nucleic acid** test instrument (device) verification/validation, manufacturing QMS, educational and R&D purposes.

NOT FOR USE IN DIAGNOSTIC PROCEDURES. FOR RESEARCH USE ONLY.

ASSITANCE

If you have any questions regarding the production, testing or use of this antigen, please send them together with any relevant data to Microbix Technical Services, at customer.service@microbix.com or fax 905-361-8911. Your complete satisfaction with the performance of this product is important to us.

HAZARDS

There is no specific hazards associated with this product. Please refer to the Safety Data Sheet (SDS).

SPECIAL HANDLING

- Elute the PROCEEDxTM FLOQ[®] SARS-CoV-2 B.1.351 Swab Positive Sample by referring to the preferred technique and volumes described in the assay instructions for use (usually 1-3 mL).
- Use 100-1000 µL from the eluted swab PROCEEDxTM FLOQ[®] SARS-CoV-2 B.1.351 Swab Positive Sample for the nucleic acid extraction step.
- After extraction, proceed with RT-PCR by using the eluted nucleic acid test volume specified in the assay instruction for use (usually 5-20 µL from the eluted purified nucleic acid volume).

QUALITY CONTROL INFORMATION

Target	Result
SARS-CoV-2	Positive
Human DNA (RP)	Positive







Mutations map:

SARS-CoV-2 B.1.351 Variant (South Africa)		
Gene	Nucleotide	Amino acid
ORF1ab	C1059T	T265I
	G5230T	K1655N
	A10323G	K3353R
	11288-11296 deletion	SGF 3675-3677 deletion
Spike	A21801C	D80A
	A22206G	D215G
	G22813T	K417N
	G23012A	E484K
	A23063T	N501Y
	A23403G	D614G
	C23664T	A701V
ORF3a	G25563T	Q57H
	C25904T	S171L
E	C26456T	P71L
N	C28887T	T205I

*Confirmed by NGS

EXPECTED RESULTS

Testing of the product in PCR-based assays for SARS-CoV-2 including such assays where the presence of human DNA is required for the determination of a positive result, should result in a positive finding for SARS-CoV-2.

	Research Use Only
	Catalog Number
	Lot Number
	Temperature Limitation
	Expiration Date
	Single Use Only

