



### PRODUCT INFORMATION

**Product Name:**

PROCEEDx<sup>TM</sup>FLOQ<sup>®</sup> SARS-CoV-2 B.1.1.7 Swab Positive Sample

**Catalogue Number:**

VP-S-19-03

**Product Description:**

This product contains whole genome SARS-CoV-2 B.1.1.7 cDNA and human fibroblast cells desiccated on a swab.

### SPECIFICATIONS

**Genetic material:**

SARS-CoV-2 B.1.1.7 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 PROCEEDx<sup>TM</sup> FLOQ<sup>®</sup> 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](mailto: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 PROCEEDx<sup>TM</sup> FLOQ<sup>®</sup> SARS-CoV-2 B.1.1.7 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 PROCEEDx<sup>TM</sup> FLOQ<sup>®</sup> SARS-CoV-2 B.1.1.7 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.1.1.7 Variant (UK)		
Gene	Nucleotide	Amino acid
ORF1ab	C3267T	T1001I
	C5388A	A1708D
	T6954C	I2230T
	11288-11296 deletion	SGF 3675-3677 deletion
Spike	21765-21770 deletion	HV 69-70 deletion
	21991-21993 deletion	Y144 deletion
	A23063T	N501Y
	C23271A	A570D
	A23403G	D614G
	C23604A	P681H
	C23709T	T716I
	T24506G	S982A
	G24914C	D1118H
ORF8	C27972T	Q27stop
	G28048T	R52I
	A28111G	Y73C
N	28280 GAT>CTA	D3L
	C28977T	S235F

\*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

