



SECTION 1: IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

- 1.1 Product name:** Quality Assessment Products (QAPs™) Dry Swab Samples
- 1.2 Product codes:** Refer to Appendix 1
- 1.3 Supplier details:** Microbix Biosystems Inc.
Address: 265 Watline Avenue, Mississauga, ON, Canada, L4Z 1P3 (Head Office)
Telephone: 905-361-8910 Fax: 905-361-8911
- 1.4 Recommended use:** For Research Use Only (RUO)

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
Not a hazardous substance or mixture.
- 2.2 GHS Label elements, including precautionary statements**
Not a hazardous substance or mixture.
- 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS:** These components are not considered to be hazardous to health.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Quality Assessment Products (QAPs™) Dry Swab Samples do not contain a substance or mixture meeting GHS classification criteria. These products do not contain hazardous chemicals at concentrations that are considered hazardous to personal health and/or the environment.

SECTION 4: FIRST AID MEASURES

- 4.1 Description of first aid measures**
No specific advice. Contact a doctor if necessary. Good industrial hygiene is recommended.
- 4.2 Most important symptoms and effects, both acute and delayed**
Information not available.
- 4.3 Indication of any immediate medical attention and special treatment needed**
Information not available.

SECTION 5: FIREFIGHTING MEASURES

- 5.1 Extinguishing media**
Use water spray, carbon dioxide (CO₂), foam or dry chemical.
- 5.2 Special hazards arising from the substance or mixture**
Hazards caused by exposure in the event of fire, do not breathe combustion products.
- 5.3 Advice for firefighters**
General: Use jet of water to cool the containers to prevent material decomposition and generating substances potentially hazardous to health. Prevent extinguishing water from draining into the sewer system. Dispose of contaminated water and the remains of the fire according to applicable regulations. Always wear full fire prevention gear. Use normal firefighting protective equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment, and emergency procedures**
Product contains material of biological origin, avoid direct contact with material. Wear protective clothing as outlined in Section 8.
- 6.2 Environmental precautions**
Instructions for waste disposal, see section 13.
- 6.3 Methods and material for containment and cleaning up**
Information not available for the product.
- 6.4 Reference to other sections**
Instructions for waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
Generally accepted good laboratory practices appropriate to biological substances should be employed when handling this product.

WARNING:

Handle controls as capable of transmitting infectious agents Biosafety Risk Group 1/Biosafety Level 1.
Appropriate safety procedures should be employed when handling this product according to applicable biosafety guidelines.
Do not ingest. Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing.



7.2 Conditions for safe storage, including any incompatibilities

Store this product at 2-30°C.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Controls parameters

Information not available for the product.

8.2 Occupational Exposure Controls:

Engineering Controls: No special engineering controls are required.

Personal Protective Equipment:

Respiratory Protection: Not needed under normal circumstances.

Hand Protection: Medical gloves to avoid direct contact.

Eye Protection: Laboratory eye protection.

Skin Protection: Laboratory coat or other protective clothing.

Environmental Controls: No special environmental controls required.

SECTION 9: PHYSICAL/CHEMICAL CHARACTERISTICS

9.1 General Information

Appearance Form:	Solid, white swab
Odour:	Odorless
pH	Not applicable
Boiling point	Not applicable
Flash point	Not applicable
Flammability	Not applicable
Vapour pressure	Not applicable
Vapour density	Not applicable
Relative density	Not applicable
Water solubility	Swab: Insoluble, Control: Soluble
Partition coefficient:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions are foreseeable in recommended conditions for use and storage.

10.4 Conditions to avoid

Non in particular. Usual precautions should be considered when handled, see section 7.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

In the event of fire: see section 5

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity: Information not available.

Inhalation: Information not available.

Irritation: Information not available.

Corrosivity: Information not available.

Sensitisation: Information not available.

Carcinogenicity: Information not available.

Mutagenicity: Information not available.

Toxicity for reproduction: Information not available.

SECTION 12: ECOLOGICAL INFORMATION

General: Avoid littering.

12.1 Toxicity: Information not available.

12.2 Persistence and degradability: Information not available.

12.1 Bioaccumulative potential: Information not available.

12.2 Mobility in soil: Information not available.

12.3 Results of PBT and vPvB assessment: Not required/not contain any PBT or vPvB in percentage greater than 0.1%.

12.4 Other adverse effects: Information not available.



SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE DISPOSAL METHOD: Always dispose of in accordance with local and national regulations. Dispose of all specimens, samples and materials used in testing as though they contain biohazardous agents.
Contaminated packaging: Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

General: Not dangerous goods according to DOT (US), IMDG or IATA.
UN Number: Not applicable
Class: Not applicable
Proper Shipping Name: Not applicable
Packing Group: Not applicable
Environmental Hazards: Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
The SDS contains all the information required by applicable Hazardous Products Regulations.

SECTION 16: OTHER INFORMATION

Prepared By: Occupational Health and Safety Representative
Revision Date: 14 December 2023

DISCLAIMER:

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Appendix 1
Quality Assessment Product Dry Swab Samples

Product Name	Catalogue Number
PTDx™ SARS-CoV-2 Swab Positive Sample	PT-S-19-01
PROCEEDx™ FLOQ® SARS-CoV-2 Swab Positive Sample	VP-S-19-01
PTDx™ Respiratory NAAT SARS-CoV-2 Swab Positive Sample (Ultra Low)	PT-S-19-L1
PROCEEDx™ FLOQ® Respiratory NAAT SARS-CoV-2 Swab Positive Sample (Ultra Low)	VP-S-19-L1
PTDx™ SARS-CoV-2 Ag Swab Positive Sample	PT-S-19-02
PROCEEDx™ FLOQ® SARS-CoV-2 Ag Swab Positive Sample	VP-S-19-02
PTDx™ SARS-CoV-2 Ag Swab Positive Sample (Low Level)	PT-S-19-02L1
PROCEEDx™ FLOQ® SARS-CoV-2 Ag Swab Positive Sample (Low Level)	VP-S-19-02L1
PTDx™ SARS-CoV-2 B.1.1.7 Swab Positive Sample	PT-S-19-03
PROCEEDx™ FLOQ® SARS-CoV-2 B.1.1.7 Swab Positive Sample	VP-S-19-03
PTDx™ SARS-CoV-2 B.1.351 Swab Positive Sample	PT-S-19-04
PROCEEDx™ FLOQ® SARS-CoV-2 B.1.351 Swab Positive Sample	VP-S-19-04
PTDx™ SARS-COV-2 P.1 Swab Positive Sample	PT-S-19-05
PROCEEDx™ FLOQ® SARS-COV-2 P.1 Swab Positive Sample	VP-S-19-05
PTDx™ SARS-CoV-2 B.1.617 Swab Positive Sample	PT-S-19-06
PROCEEDx™ FLOQ® SARS-CoV-2 B.1.617 Swab Positive Sample	VP-S-19-06
PTDx™ SARS-CoV-2 B.1.1.529 Swab Positive Sample	PT-S-19-07
PROCEEDx™ FLOQ® SARS-CoV-2 B.1.1.529 Swab Positive Sample	VP-S-19-07
PTDx™ SARS-CoV-2/FluA&B/RSV Swab Positive Sample	PT-S-19-M1
PROCEEDx™ FLOQ® SARS-CoV-2/FluA&B/RSV Swab Positive Sample	VP-S-19-M1
PTDx™ Influenza A Swab Positive Sample	PT-S-13-01
PROCEEDx™ FLOQ® Influenza A Swab Positive Sample	VP-S-13-01
PTDx™ Respiratory NAAT Influenza A Swab Positive Sample	PT-S-13-M1
PROCEEDx™ FLOQ® Respiratory NAAT Influenza A Swab Positive Sample	VP-S-13-M1
PTDx™ Respiratory NAAT Influenza A Swab Positive Sample (Low Level)	PT-S-13-M1L
PROCEEDx™ FLOQ® Respiratory NAAT Influenza A Swab Positive Sample (Low Level)	VP-S-13-M1L
PTDx™ Respiratory NAAT Influenza A Swab Positive Sample (Ultra Low)	PT-S-13-L1
PROCEEDx™ FLOQ® Respiratory NAAT Influenza A Swab Positive Sample (Ultra Low)	VP-S-13-L1
PTDx™ Influenza B Swab Positive Sample	PT-S-14-01
PROCEEDx™ FLOQ® Influenza B Swab Positive Sample	VP-S-14-01
PTDx™ Respiratory NAAT Influenza B Swab Positive Sample	PT-S-14-M1
PROCEEDx™ FLOQ® Respiratory NAAT Influenza B Swab Positive Sample	VP-S-14-M1
PTDx Respiratory NAAT Influenza B Swab Positive Sample (Low Level)	PT-S-14-M1L
PROCEEDx™ FLOQ® Respiratory NAAT Influenza B Swab Positive Sample (Low Level)	VP-S-14-M1L
PTDx™ Respiratory NAAT Influenza B Swab Positive Sample (Ultra Low)	PT-S-14-L1
PROCEEDx™ FLOQ® Respiratory NAAT Influenza B Swab Positive Sample (Ultra Low)	VP-S-14-L1
PTDx™ RSV Swab Positive Sample	PT-S-07-01
PROCEEDx™ FLOQ® RSV Swab Positive Sample	VP-S-07-01
PTDx™ Respiratory NAAT RSV Swab Positive Sample	PT-S-07-M1
PROCEEDx™ FLOQ® Respiratory NAAT RSV Swab Positive Sample	VP-S-07-M1
PTDx™ Respiratory NAAT RSV Swab Positive Sample (Low Level)	PT-S-07-M1L
PROCEEDx™ FLOQ® Respiratory NAAT RSV Swab Positive Sample (Low Level)	VP-S-07-M1L
PTDx™ Respiratory NAAT RSV Swab Positive Sample (Ultra Low)	PT-S-07-L1
PROCEEDx™ FLOQ® Respiratory NAAT RSV Swab Positive Sample (Ultra Low)	VP-S-07-L1
PTDx™ Respiratory NAAT Influenza A and Influenza B Swab Positive Sample	PT-S-13-M2
PROCEEDx™ FLOQ® Respiratory NAAT Influenza A & Influenza B Swab Positive Sample	VP-S-13-M2
PTDx™ Respiratory NAAT Influenza A & RSV Swab Positive Sample	PT-S-13-M3
PROCEEDx™ FLOQ® Respiratory NAAT Influenza A & RSV Swab Positive Sample	VP-S-13-M3
PTDx™ Respiratory NAAT Influenza A & SARS-CoV-2 Swab Positive Sample	PT-S-13-M4
PROCEEDx™ FLOQ® Respiratory NAAT Influenza A & SARS-CoV-2 Swab Positive Sample	VP-S-13-M4
PTDx™ Respiratory NAAT Influenza B and RSV Swab Positive Sample	PT-S-14-M2
PROCEEDx™ FLOQ® Respiratory NAAT Influenza B & RSV Swab Positive Sample	VP-S-14-M2



PTDx™ Respiratory NAAT Influenza B and SARS-CoV-2 Swab Positive Sample PROCEEDx™FLOQ® Respiratory NAAT Influenza B & SARS-CoV-2 Swab Positive Sample	PT-S-14-M3 VP-S-14-M3
PTDx™ Respiratory NAAT RSV and SARS-CoV-2 Swab Positive Sample PROCEEDx™FLOQ® Respiratory NAAT RSV & SARS-CoV-2 Swab Positive Sample	PT-S-07-M2 VP-S-07-M2
PTDx™ Swab Negative Sample PROCEEDx™FLOQ® Swab Negative Sample	PT-S-99-01 VP-S-99-01
PTDx™ SARS-CoV-2 Swab Negative Sample PROCEEDx™FLOQ® NAAT Swab Negative Sample	PT-S-99-M4 VP-S-99-M4
PTDx™ Group A Strep Swab Positive Sample (M1) PROCEEDx™FLOQ® Group A Strep Swab Positive Sample (M1)	PT-S-70-M1 VP-S-70-M1
PTDx™ Group A Strep Swab Positive Sample (M2) PROCEEDx™FLOQ® Group A Strep Swab Positive Sample (M2)	PT-S-70-M2 VP-S-70-M2
PTDx™ Group A Strep Swab Positive Sample PROCEEDx™FLOQ® Group A Strep Swab Positive Sample	PT-S-70-01 VP-S-70-01
PTDx™ HSV1&2/VZV/T. pallidum Swab Positive Sample PROCEEDx™FLOQ® HSV1&2/VZV/T. pallidum Swab Positive Sample	PT-S-03-M1 VP-S-03-M1
PTDx™ HSV 1 Swab Positive Sample PROCEEDx™FLOQ® HSV1 Swab Positive Sample	PT-S-02-01 VP-S-02-01
PTDx™ HSV 1 Swab Positive Sample (Low Level) PROCEEDx™FLOQ® HSV1 Swab Positive Sample (Low Level)	PT-S-02-L1 VP-S-02-L1
PTDx™ HSV 2 Swab Positive Sample PROCEEDx™FLOQ® HSV2 Swab Positive Sample	PT-S-23-01 VP-S-23-01
PTDx™ HSV 2 Swab Positive Sample (Low Level) PROCEEDx™FLOQ® HSV2 Swab Positive Sample (Low Level)	PT-S-23-L1 VP-S-23-L1
PTDx™ VZV Swab Positive Sample PROCEEDx™FLOQ® VZV Swab Positive Sample	PT-S-03-01 VP-S-03-01
PTDx™ VZV Swab Positive Sample (Low Level) PROCEEDx™FLOQ® VZV Swab Positive Sample (Low Level)	PT-S-03-L1 VP-S-03-L1
PTDx™ Monkeypox West African Swab Positive Sample PROCEEDx™FLOQ® Monkeypox West African Swab Positive Sample	PT-S-81-02 VP-S-81-02
PTDx™ <i>Treponema pallidum</i> Swab Positive Sample PROCEEDx™FLOQ® <i>Treponema pallidum</i> Swab Positive Sample	PT-S-80-01 VP-S-80-01
PTDx™ <i>Treponema pallidum</i> 47kDa Swab Positive Sample PROCEEDx™FLOQ® <i>Treponema pallidum</i> 47kDa Swab Positive Sample	PT-S-80-02 VP-S-80-02
PTDx™ HSV 1 and HSV 2 Swab Positive Sample PROCEEDx™FLOQ® HSV 1 and HSV2 Swab Positive Sample	PT-S-02-M2 VP-S-02-M2
PTDx™ HSV 1 and VZV Swab Positive Sample PROCEEDx™FLOQ® HSV 1 and VZV Swab Positive Sample	PT-S-02-M3 VP-S-02-M3
PTDx™ HSV 1 and <i>T. pallidum</i> Swab Positive Sample PROCEEDx™FLOQ® HSV 1 and <i>T. pallidum</i> Swab Positive Sample	PT-S-02-M4 VP-S-02-M4
PTDx™ HSV 2 and VZV Swab Positive Sample PROCEEDx™FLOQ® HSV 2 and VZV Swab Positive Sample	PT-S-23-M2 VP-S-23-M2
PTDx™ HSV 2 and <i>T. pallidum</i> Swab Positive Sample PROCEEDx™FLOQ® HSV2 and <i>T. pallidum</i> Swab Positive Sample	PT-S-23-M3 VP-S-23-M3
PTDx™ <i>T. pallidum</i> and VZV Swab Positive Sample PROCEEDx™FLOQ® <i>T. pallidum</i> and VZV Swab Positive Sample	PT-S-80-M2 VP-S-80-M2
PTDx™ HSV1/HSV2/VZV Swab Positive Sample PROCEEDx™FLOQ® HSV1/HSV2/VZV Swab Positive Sample	PT-S-02-M5 VP-S-02-M5
PTDx™ HPV 16 Swab Positive Sample PROCEEDx™FLOQ® HPV 16 Swab Positive Sample	PT-S-62-16 VP-S-62-16
PTDx™ HPV 18 Swab Positive Sample PROCEEDx™FLOQ® HPV 18 Swab Positive Sample	PT-S-62-18 VP-S-62-18
PTDx™ HPV 45 Swab Positive Sample PROCEEDx™FLOQ® HPV 45 Swab Positive Sample	PT-S-62-45 VP-S-62-45
PTDx™ HPV 16/18/45 Swab Positive Sample PROCEEDx™FLOQ® HPV 16/18/45 Swab Positive Sample	PT-S-62-M1 VP-S-62-M1
PTDx™ <i>Chlamydia trachomatis</i> Swab Positive Sample PROCEEDx™FLOQ® <i>Chlamydia trachomatis</i> Swab Positive Sample	PT-S-12-M1 VP-S-12-M1



PTDx™ <i>Neisseria gonorrhoeae</i> Swab Positive Sample	PT-S-17-M1
PROCEEDx™ FLOQ® <i>Neisseria gonorrhoeae</i> Swab Positive Sample	VP-S-17-M1
PTDx™ <i>Trichomonas vaginalis</i> Swab Positive Sample	PT-S-61-M1
PROCEEDx™ FLOQ® <i>Trichomonas vaginalis</i> Swab Positive Sample	VP-S-61-M1
PTDx™ <i>Mycoplasma genitalium</i> Swab Positive Sample	PT-S-63-M1
PROCEEDx™ FLOQ® <i>Mycoplasma genitalium</i> Swab Positive Sample	VP-S-63-M1
PTDx™ <i>M. genitalium</i> A2059G Swab Positive Sample	PT-S-63-02
PROCEEDx™ FLOQ® <i>M. genitalium</i> A2059G Swab Positive Sample	VP-S-63-02
PTDx™ <i>M. genitalium</i> A2058G Swab Positive Sample	PT-S-63-03
PROCEEDx™ FLOQ® <i>M. genitalium</i> A2058G Swab Positive Sample	VP-S-63-03
PTDx™ <i>M. genitalium</i> A2059C Swab Positive Sample	PT-S-63-04
PROCEEDx™ FLOQ® <i>M. genitalium</i> A2059C Swab Positive Sample	VP-S-63-04
PTDx™ <i>M. genitalium</i> A2058T Swab Positive Sample	PT-S-63-05
PROCEEDx™ FLOQ® <i>M. genitalium</i> A2058T Swab Positive Sample	VP-S-63-05
PTDx™ <i>M. genitalium</i> A2058C Swab Positive Sample	PT-S-63-06
PROCEEDx™ FLOQ® <i>M. genitalium</i> A2058C Swab Positive Sample	VP-S-63-06
PTDx™ CT/NG/TV Swab Positive Sample	PT-S-12-M4
PROCEEDx™ FLOQ® CT/NG/TV Swab Positive Sample	VP-S-12-M4
PTDx™ CT/NG/TV/MG Swab Positive Sample	PT-S-12-M5
PROCEEDx™ FLOQ® CT/NG/TV/MG Swab Positive Sample	VP-S-12-M5
PTDx™ <i>H. pylori</i> Swab Positive Sample	PT-S-27-01
PROCEEDx™ FLOQ® <i>H. pylori</i> Swab Positive Sample	VP-S-27-01
PTDx™ <i>C.difficile</i> GDH Swab Positive Sample	PT-S-39-01
PROCEEDx™ FLOQ® <i>C.difficile</i> GDH Swab Positive Sample	VP-S-39-01
PTDx™ <i>C.difficile</i> GDH/Toxin A/ Toxin B Swab Positive Sample	PT-S-39-02
PROCEEDx™ FLOQ® <i>C.difficile</i> GDH/Toxin A/ Toxin B Swab Positive Sample	VP-S-39-02
PTDx™ <i>Campylobacter</i> OMP Swab Positive Sample	PT-S-40-01
PROCEEDx™ FLOQ® <i>Campylobacter</i> OMP Swab Positive Sample	VP-S-40-01

This list will be updated with the addition of new swab products. List Updated on 14122023