



SECTION 1: IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

- 1.1 Product name:** Quality Assessment Products (QAPs™) Formulated with Non-Hazardous Transport Medium
- 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

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™) Formulated with Non-Hazardous Transport Medium do not contain a substance or mixture meeting GDH classification. 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**
Use suitable protective equipment. Avoid dust formation. Avoid breathing vapours, mist, or gas. Ventilate the area of leak or spill. Refer to section 8.
- 6.2 Environmental precautions**
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
- 6.3 Methods and materials for containment and cleaning up**
Contain spillage, clean any spillage by immediately by absorbing with an inert material and dispose of all specimens, samples and materials used in testing as though they contain biohazardous agent.

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 2-8°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

FLAMMABILITY: Not determined

Appearance: Form: liquid

Odor: Not available

Specific gravity: Not available

Solubility in water: Complete

Freezing point: Not available

Viscosity: Not available

Color: Colourless

Physical state: Liquid

VOC content: Not available

Vapor density: Not available

pH: As supplied; 6-8

Boiling point: Not available

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

According to current data, this product has not produced health damages. General good laboratory practices and industrial hygiene should be considered when handle chemical products.

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.

12.3 Bioaccumulative potential: Information not available.

12.4 Mobility in soil: Information not available.



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

12.6 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:

Microbix Biosystems Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgement in determining its appropriateness for a particular purpose. It may not be valid for this material if it is used in combination with any other materials. Microbix Biosystems Inc. makes no representations or warranties either express or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Microbix Biosystems Inc. will not be responsible for damages resulting from use or reliance upon this information.

Appendix 1

Quality Assessment Products (QAPs™) Formulated with Non-Hazardous Transport Medium

Product name	Catalogue Number
PTDx™ Influenza A Positive Sample	PT-13-01
PROCEEDx™ Influenza A Positive Sample	VP-13-01
PTDx™ Influenza A and Influenza B Positive Sample	PT-13-02
PROCEEDx™ Influenza A and Influenza B Positive Sample	VP-13-02
PTDx™ Influenza A and RSV Positive Sample	PT-13-03
PROCEEDx™ Influenza A and RSV Positive Sample	VP-13-03
PTDx™ Adenovirus and Influenza A Positive Sample	PT-13-04
PROCEEDx™ Adenovirus and Influenza A Positive Sample	VP-13-04
PTDx™ Influenza A and Rotavirus Positive Sample	PT-13-05
PROCEEDx™ Influenza A and Rotavirus Positive Sample	VP-13-05
PTDx™ Influenza B Positive Sample	PT-14-01
PROCEEDx™ Influenza B Positive Sample	VP-14-01
PTDx™ Influenza B and RSV Positive Sample	PT-14-02
PROCEEDx™ Influenza B and RSV Positive Sample	VP-14-02
PTDx™ Adenovirus and Influenza B Positive Sample	PT-14-03
PROCEEDx™ Adenovirus and Influenza B Positive Sample	VP-14-03
PTDx™ Influenza B and Rotavirus Positive Sample	PT-14-04
PROCEEDx™ Influenza B and Rotavirus Positive Sample	VP-14-04
PTDx™ Adenovirus Positive Sample	PT-15-01
PROCEEDx™ Adenovirus Positive Sample	VP-15-01
PTDx™ Adenovirus and Rotavirus Positive Sample	PT-15-02
PROCEEDx™ Adenovirus and Rotavirus Positive Sample	VP-15-02
PTDx™ RSV Positive Sample	PT-07-01
PROCEEDx™ RSV Positive Sample	VP-07-01
PTDx™ Adenovirus and RSV Positive Sample	PT-07-02
PROCEEDx™ Adenovirus and RSV Positive Sample	VP-07-02
PTDx™ RSV and Rotavirus Positive Sample	PT-07-03
PROCEEDx™ RSV and Rotavirus Positive Sample	VP-07-03
PTDx™ Parainfluenza 3 Positive Sample	PT-10-M1
PROCEEDx™ Parainfluenza 3 Positive Sample	VP-10-M1
PTDx™ Rotavirus Positive Sample	PT-35-01
PROCEEDx™ Rotavirus Positive Sample	VP-35-01
PTDx™ Negative Sample	PT-99-01
PROCEEDx™ Negative Sample	VP-99-01
PTDx™ <i>Trichomonas vaginalis</i> Positive Sample	PT-61-01
PROCEEDx™ <i>Trichomonas vaginalis</i> Positive Sample	VP-61-01
PTDx™ <i>Trichomonas vaginalis</i> Positive Sample Level 2	PT-61-02
PROCEEDx™ <i>Trichomonas vaginalis</i> Positive Sample Level 2	VP-61-02
PTDx™ <i>Chlamydia trachomatis</i> Positive Sample	PT-12-01
PROCEEDx™ <i>Chlamydia trachomatis</i> Positive Sample	VP-12-01
PTDx™ HSV 1 Positive Sample	PT-02-M1
PROCEEDx™ HSV 1 Positive Sample	VP-02-M1
PTDx™ HSV 1 and HSV 2 Positive Sample	PT-02-M2
PROCEEDx™ HSV 1 and HSV 2 Positive Sample	VP-02-M2
PTDx™ HSV 2 Positive Sample	PT-23-M1
PROCEEDx™ HSV 2 Positive Sample	VP-23-M1
PTDx™ <i>Cryptosporidium parvum</i> Positive Sample	PT-37-01
PROCEEDx™ <i>Cryptosporidium parvum</i> Positive Sample	VP-37-01
PTDx™ <i>Cryptosporidium parvum</i> & <i>Giardia lamblia</i> Positive Sample	PT-37-02
PROCEEDx™ <i>Cryptosporidium parvum</i> & <i>Giardia lamblia</i> Positive Sample	VP-37-02
PTDx™ <i>Giardia lamblia</i> Positive Sample	PT-38-01
PROCEEDx™ <i>Giardia lamblia</i> Positive Sample	VP-38-01
PTDx™ Shiga Toxin STX-1 Positive Sample	PT-36-01
PTDx™ Shiga Toxin STX-2 Positive Sample	PT-36-02



SAFETY DATA SHEET

Revision Date: 14DEC2023/R0

PTDx™ Shiga Toxin STX Negative Sample	PT-36-04
PTDx™ Negative Sample	PT-99-M2
PROCEEDx™ Negative Sample	VP-99-M2
PTDx™ SARS-CoV-2 B.1.1.7 Positive Sample	PT-19-03
PTDx™ SARS-CoV-2 B.1.351 Positive Sample	PT-19-04
PTDx™ SARS-CoV-2 P.1 Positive Sample	PT-19-05
PTDx™ SARS-CoV-2 B.1.617 Positive Sample	PT-19-06
PTDx™ SARS-CoV-2 B.1.1.529 Positive Sample	PT-19-06
PTDx™ Respiratory NAAT Influenza A Positive Sample (Low Level)	PT-13-M1L
PTDx™ Respiratory NAAT Influenza B Positive Sample (Low Level)	PT-14-M1L
PTDx™ Respiratory NAAT RSV Positive Sample (Low Level)	PT-07-M1L
PTDx™ Enteric Bacterial Panel 1 Positive Sample	PT-120-M1
PROCEEDx™ Enteric Bacterial Panel 1 Positive Sample	VP-120-M1
PTDx™ <i>Clostridium difficile</i> Positive Sample	PT-125-01
PROCEEDx™ <i>Clostridium difficile</i> Positive Sample	VP-125-01
PTDx™ Enteric Viral Panel Positive Sample	PT-115-M1
PROCEEDx™ Enteric Viral Panel Positive Sample	VP-115-M1
PTDx™ Sapovirus Positive Sample	PT-116-01
PROCEEDx™ Sapovirus Positive Sample	VP-116-01
PTDx™ Astrovirus Positive Sample	PT-117-01
PROCEEDx™ Astrovirus Positive Sample	VP-117-01
PTDx™ Norovirus GII Positive Sample	PT-118-01
PROCEEDx™ Norovirus GII Positive Sample	VP-118-01
PTDx™ Rotavirus Positive Sample (MDx)	PT-119-01
PROCEEDx™ Rotavirus Positive Sample (MDx)	VP-119-01
PTDx™ Adenovirus F40/41 Positive Sample	PT-128-01
PROCEEDx™ Adenovirus F40/41 Positive Sample	VP-128-01
PTDx™ Norovirus GI Positive Sample	PT-136-01
PROCEEDx™ Norovirus GI Positive Sample	VP-136-01
PTDx™ <i>Shigella sonnei</i> Positive Sample	PT-121-01
PROCEEDx™ <i>Shigella sonnei</i> Positive Sample	VP-121-01
PTDx™ <i>Campylobacter jejuni</i> Positive Sample	PT-123-01
PROCEEDx™ <i>Campylobacter jejuni</i> Positive Sample	VP-123-01
PTDx™ <i>Salmonella enteritidis</i> Positive Sample	PT-126-01
PROCEEDx™ <i>Salmonella enteritidis</i> Positive Sample	VP-126-01
PTDx™ Shiga toxin-producing <i>E. coli</i> Positive Sample	PT-127-01
PROCEEDx™ Shiga toxin-producing <i>E. coli</i> Positive Sample	VP-127-01
PTDx™ Enteric Bacterial Panel 2 Positive Sample	PT-129-M1
PROCEEDx™ Enteric Bacterial Panel 2 Positive Sample	VP-129-M1
PTDx™ <i>Vibrio parahaemolyticus</i> Positive Sample	PT-122-01
PROCEEDx™ <i>Vibrio parahaemolyticus</i> Positive Sample	VP-122-01
PTDx™ <i>Yersinia enterocolitica</i> Positive Sample	PT-124-01
PROCEEDx™ <i>Yersinia enterocolitica</i> Positive Sample	VP-124-01
PTDx™ Enterotoxigenic <i>E. coli</i> Positive Sample	PT-130-01
PROCEEDx™ Enterotoxigenic <i>E. coli</i> Positive Sample	VP-130-01
PTDx™ <i>Plesiomonas shigelloides</i> Positive Sample	PT-131-01
PROCEEDx™ <i>Plesiomonas shigelloides</i> Positive Sample	VP-131-01
PTDx™ Enteric Parasite Panel Positive Sample	PT-165-M1
PROCEEDx™ Enteric Parasite Panel Positive Sample	VP-165-M1
PTDx™ <i>Cryptosporidium parvum</i> Positive Sample (MDx)	PT-37-M1
PROCEEDx™ <i>Cryptosporidium parvum</i> Positive Sample (MDx)	VP-37-M1
PTDx™ <i>Giardia lamblia</i> Positive Sample (MDx)	PT-38-M1
PROCEEDx™ <i>Giardia lamblia</i> Positive Sample (MDx)	VP-38-M1
PTDx™ <i>Entamoeba histolytica</i> Positive Sample	PT-138-01
PROCEEDx™ <i>Entamoeba histolytica</i> Positive Sample	VP-138-01
PTDx™ Respiratory Viral Panel 1 Positive Sample	PT-145-M1
PROCEEDx™ Respiratory Viral Panel 1 Positive Sample	VP-145-M1
PTDx™ Human Metapneumovirus Positive Sample	PT-146-01
PROCEEDx™ Human Metapneumovirus Positive Sample	VP-146-01
PTDx™ Rhinovirus Positive Sample	PT-147-01
PROCEEDx™ Rhinovirus Positive Sample	VP-147-01
PTDx™ Enterovirus Positive Sample	PT-148-01



SAFETY DATA SHEET

Revision Date: 14DEC2023/R0

PROCEEDx™ Enterovirus Positive Sample	VP-148-01
PTDx™ Seasonal Coronavirus NL63 Positive Sample	PT-149-01
PROCEEDx™ Seasonal Coronavirus NL63 Positive Sample	VP-149-01

This product list will be updated with the addition of new products. List Updated on 13022026