

3M™ Clean-Trace™ ATP Monitoring System Example Sampling Protocol for Endoscopes*

Materials Needed

- ✓ 3M™ Clean-Trace™ ATP Surface Tests UXC
- ✓ 3M™ Clean-Trace™ ATP Water Tests H2O
- ✓ 3M™ Clean-Trace™ Water Test Accessory Kit WTK (single-use only)**
- ✓ 3M™ Clean-Trace™ Luminometer LX25
- ✓ Sterile sample collection containers
- ✓ Holder for sample collection containers
- ✓ 60 cc sterile syringe
- ✓ 10 cc sterile syringe***
- ✓ 80 mL of sterile water
- ✓ Endoscope to be tested (cleaned and thoroughly rinsed)
- ✓ Elevator guidewire (EGW) channel cleaning tube***



*The purpose of this document is to provide health care facilities with an example sampling protocol that can aid in assisting in the design and implementation of a sampling protocol. It is up to each facility to develop their own protocol, customized to comply with their policies, practices, and applicable laws. This document serves only as an example.
For Olympus-brand flexible endoscopes only. *Only needed if testing an endoscope with an open EGW channel.



SURFACE TESTS 3M™ Clean-Trace™ ATP Surface Test UXC

WATER TESTS 3M™ Clean-Trace™ ATP Water Test H2O

Prepare: Remove ATP tests from refrigerator and allow to come to room temperature (10 minutes). Make sure the 3M™ Clean-Trace™ Luminometer LX25 is powered on, has passed its diagnostics check, and is ready for use.

Test Points

Outer Distal End

Swab the entire outer surface of the last 10 cm of the distal end, while flexing and rotating the ATP test wand.



See **Activate & Measure** steps below.

Additional Test Point for Endoscopes with Elevator Mechanism

Elevator Mechanism (if present)

Position elevator mechanism down.



Collect sample.



Carefully swab the exposed parts of the elevator mechanism and the recessed housing.

Position elevator mechanism up.



Continue collecting sample with same Surface Test UXC.



Carefully swab the exposed parts of the elevator mechanism and the recessed housing. See **Activate & Measure** steps below.

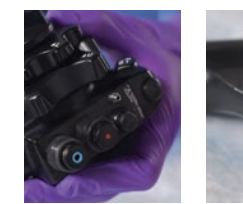
Test Points

Suction/Biopsy (S/B) Channel

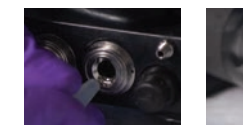
Flush the S/B channel with sterile water and collect sample.



Attach connector from WTK to barbed hose fitting on light guide end of endoscope (Christmas tree).



Make sure suction/biopsy valve (red dot) and instrument port cover in place.

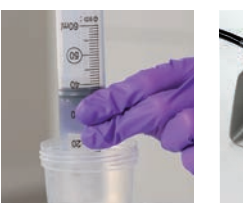


Or use plugs from WTK (if Olympus-brand endoscope).



Using 60cc syringe:

- ▶ Flush S/B channel with **60 cc air**. Do not collect rinsate.
 - ▶ Flush S/B channel with **40 cc sterile water + 20 cc air**. Collect rinsate.
 - ▶ Flush S/B channel with **60 cc air**. Collect rinsate.
- Securely cap the rinsate container if not testing immediately. See **Immerse, Activate & Measure** steps below.



Securely cap the rinsate container if not testing immediately.

See **Immerse, Activate & Measure** steps below.

See **Immerse, Activate & Measure** steps below.

Additional Test Point for Endoscopes with Elevator Mechanism

Elevator Guidewire (EGW) Channel (if present and open)

Flush the EGW channel with sterile water and collect sample.



Attach EGW channel cleaning tube from endoscope manufacturer to EGW channel.



Using 10cc syringe:

- ▶ Flush EGW channel with **10 cc air**. Do not collect rinsate.
 - ▶ Flush EGW channel with **5 cc sterile water + 5 cc air**. Collect rinsate.
- Securely cap the rinsate container if not testing immediately. See **Immerse, Activate & Measure** steps below.



Securely cap the rinsate container if not testing immediately.

See **Immerse, Activate & Measure** steps below.

Activate & Measure

Time Sensitive

3M™ Clean-Trace™ ATP Surface Tests UXC activation can be delayed for up to 4 hours after sampling.

Activate



Measure ATP



Assess



Immerse, Activate & Measure

Time Sensitive

3M™ Clean-Trace™ ATP Water Tests H2O activation cannot be delayed and must be activated immediately after testing.

Immerse



Activate



Measure ATP



Assess



If $RLU \leq TH$, proceed to the next step. If $RLU > TH$, re-clean and re-test. TH = Facility designated pass/fail threshold.