



**Raven Labs**  
*a division of Mesa Labs*  
8607 Park Drive  
1-800-728-5702 or 1-402-593-0781  
[info@ravenlabs.com](mailto:info@ravenlabs.com)

## Instructions for Use

### RCT kit for Chlorine Dioxide

1. Place 1 or more biological indicators within the most difficult to sterilize location\*.
2. Proceed with decontamination procedure.
3. After sterilization, aseptically transfer the processed spore strips and one control spore strip into culture media tubes (provided).
4. Incubate the spore strips at 30-35°C for 7 days.
5. Observe tubes daily for growth, record observations.

**Control:** The control should exhibit a color change to or toward yellow and/or turbidity. If the control does not show signs of growth, consider the test invalid.

**Test:** A failed sterilization cycle is indicated by turbidity and/or change in color to or towards yellow. A test that retains its purple color indicates an adequate sterilization cycle.

Gram stain all positives; gram positive rods are indicative for the indicator organism.

This is a single use product. Use of a unit in multiple cycles will invalidate the results and could potentially result in the release of non-sterile product.

*\*For validation instructions, please refer to NSF ST49/Annex G "Protocol for the Validation of a Gas Decontamination process for Biological Safety Cabinets"*