

Preparation:



- 1 Obtain **REPLACE™** matrices from IDEXX BioAnalytics. Tear perforated edge of **REPLACE™** package and add **REPLACE™** to empty cage with tight fitting lid.*

Sentinel Free Soiled Bedding (SFSB) Cage Process:

🔄 Repeat with the same REPLACE™ throughout testing period



- 2 Transfer 2 oz (60 mL) of soiled bedding from each colony cage to the SFSB cage containing the **REPLACE™** matrix.



- 3 Secure the lid and agitate cage in an elliptical “stir-fry” motion for 15-30 seconds to thoroughly transfer pathogens from the bedding to the **REPLACE™** via direct contact. Place cage on rack.**



- 4 At cage change, agitate SFSB cage for 15-30 seconds. Transfer existing **REPLACE™** to a new clean cage.



- 5 Repeat steps 2-4 for the entire health monitoring period.

REPLACE™ Matrix Sample Collection and Submission:



- 6 At the end of the monitoring period curl **REPLACE™** fleece-side-inward, place in labeled 50 mL conical tube and secure lid.



- 7 Ensure tubes are appropriately labeled, and store samples at room temperature until ready to ship.



- 8 Place organized tubes in shipping container with packaging material to prevent damage.



- 9 Complete online submission and include printed form in shipping container.

Receive Results:



- 🕒 PCR Turnaround time = 3 days.

*Any cage or container with a lid can be used for the SFSB cage.

** If using an air-tight sealed container, remove dirty bedding after shaking and store **REPLACE™** in empty container until next soiled bedding addition period.

