

Preparation:



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

Sentinel Free Soiled Bedding (SFSB) Cage Process:



- 2 Transfer up to 2 oz (60 mL) of soiled bedding from each colony cage to the SFSB cage containing the **REPLACE™ Flex** 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™ Flex** via direct contact. Place cage on rack. ‡



Repeat with the same **REPLACE Flex™** throughout testing period



- 4 At cage change, agitate SFSB cage for 15-30 seconds. Transfer existing **REPLACE™ Flex** to a new clean cage.
- 5 Repeat steps 2-4 for the entire health monitoring period.

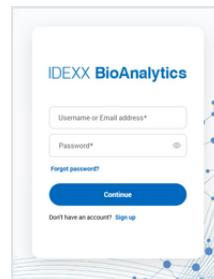
REPLACE Flex™ Matrix Sample Collection and Submission:



- 6 At the end of the monitoring period, up to 4 **REPLACE™ Flex** matrices can be pooled, oriented in the same direction, in a labeled 50 mL conical tube with lid secured.
- 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.



Receive Results:



PCR Turnaround time = 3 days.

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

† **REPLACE Flex™** features a 3 mm hole at one end, designed to accommodate a removable ID tag for quick identification and easy location within soiled bedding.

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