

# REPLACE Flex™

## Flexible Sentinel-Free Soiled Bedding Health Monitoring

IDEXX BioAnalytics

### Preparation:

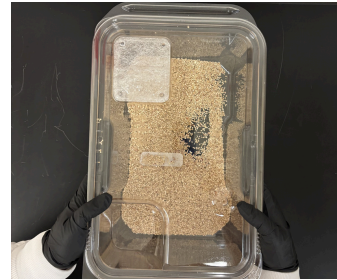


- 1 Obtain **REPLACE™ Flex** matrices from IDEXX BioAnalytics. Tear perforated edge of **REPLACE™ Flex** package and add **REPLACE™ Flex** to empty cage with tight fitting lid.\* †

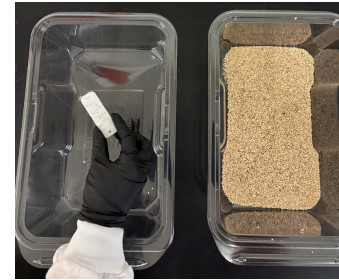
### Sentinel Free Soiled Bedding (SFSB) Cage Process:



- 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** matrix. Place cage on rack. ‡



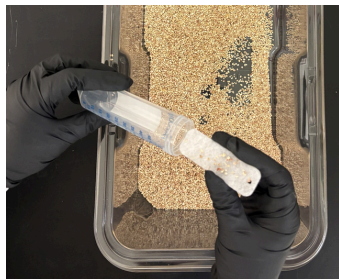
- 4 At cage change, agitate SFSB cage for 15-30 seconds. Transfer existing **REPLACE™ Flex** to a new clean cage.

Repeat with the same REPLACE Flex™ throughout testing period

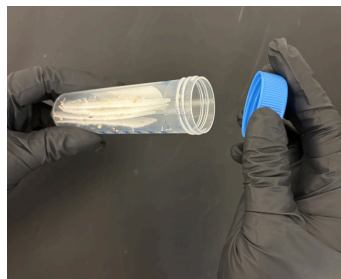


- 5 Repeat steps 2-4 for the entire health monitoring period.

### REPLACE Flex™ Matrix Sample Collection and Submission:



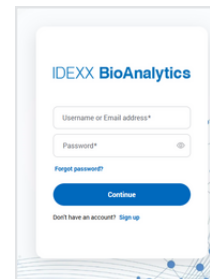
- 6 At the end of the monitoring period, up to 4 **REPLACE™ Flex** matrices can be pooled, oriented in the same direction, in a labeled 50 mL conical tube with lid secured.



- 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.



- 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.

† **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.

Connect with our experienced team to learn more about REPLACE Flex™

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[idxxbioanalytics.com/replaceflex](https://idxxbioanalytics.com/replaceflex)