Supplemental information

**Comparison of two size-differentiating air samplers for detecting airborne swine viruses under experimental conditions**

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Table S1. Mean and 95% confident limits of recovery efficiency of virus particles calculated as a geometric mean of 3 replicates based on type of elution technique, collection media, and filter type.

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| --- | --- | --- | --- | --- | --- |
| Elution technique | \*Collection media | ¥Filter type | Geometric mean (%)  | 95% Lower confident limit | 95% Upper confident limit |
| Active | BE | ACI | 73.3 | 39.9 | 98.0 |
| TCI | 24.6 | 13.4 | 45.4 |
| TCI\_back | 25.6 | 13.9 | 47.2 |
| MEM | ACI | 25.3 | 13.7 | 46.6 |
| TCI | 14.5 | 7.8 | 26.6 |
| TCI\_back | 19.2 | 10.4 | 35.5 |
| Passive | BE | ACI | 43.4 | 23.6 | 80.0 |
| TCI | 22.8 | 12.4 | 41.9 |
| TCI\_back | 22.0 | 11.9 | 40.5 |
| MEM | ACI | 13.3 | 7.2 | 24.5 |
| TCI | 10.0 | 5.4 | 18.3 |
| TIC\_back | 8.3 | 4.5 | 15.2 |

\*BE: Beef extract; MEM: Minimum essential media

¥ACI: Andersen cascade impactor filter; TCI: Tisch cascade impactor filter; TIC\_back: TCI back up filter