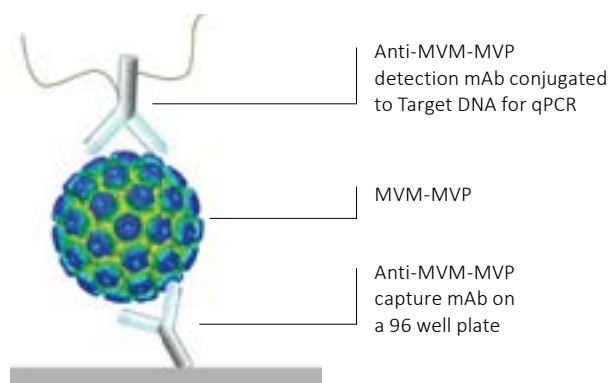


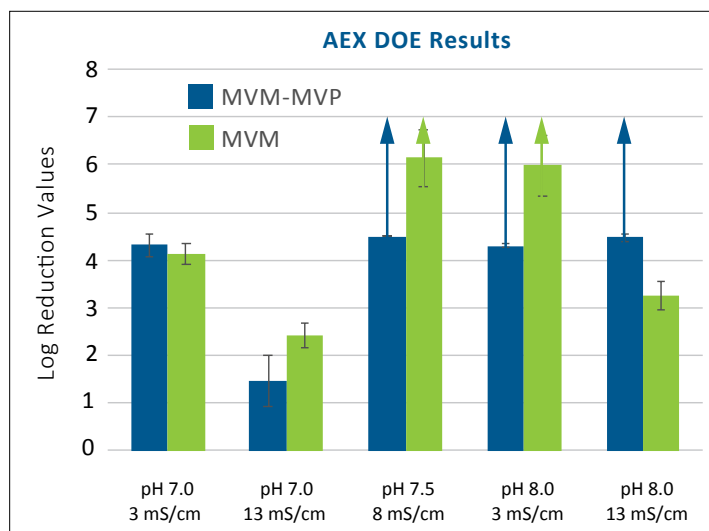
Benchtop Viral Clearance Prediction

MockV™ MVM Kit

Non-infectious mock virus particles that mimic the physicochemical properties of live infectious viruses can be used as spiking agents during viral clearance testing. **Cygnus MockV™ MVM Kit** utilizes these non-infectious surrogates to perform quantitative clearance analysis, enabling benchtop scientists to easily and economically quantify viral clearance in industrial processes. Each BSL-1 compatible kit contains the necessary reagents to conduct mock virus particle spiking experiments including a concentrated and purified stock solution of Minute Virus of Mice mock virus particles (MVM-MVP) and quantification reagents.



LRV data derived from multiple modes of chromatography and nanofiltration have shown good correlation between MVM-MVP and live MVM.



Adapted from Hervig, Kevin, et al. "Modeling Virus Clearance: Use of a Noninfectious Surrogate of Mouse Minute Virus As a Tool for Evaluating an Anion-Exchange Chromatography Method." *BioProcess International*. 17(5), 34-40.

- **Wide Dynamic Range:** Immuno-qPCR assay capable of quantifying MVM-MVP over a 4.0-5.0 log₁₀ range
- **Rapid:** Immuno-qPCR assay detects Log Reduction Values (LRVs) of 4.0-5.0 in < 5 hours.
- **Safe:** Spiking surrogate for chromatography & nanofiltration clearance studies in BSL-1 labs
- **Comprehensive:** Kit includes all necessary reagents sufficient to perform 10 spiking studies

Ordering Information

Product	Qty.	Catalog No.
MockV™ MVM Kit	1 kit	M219

With you all the way!

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