

## Direct Antibody-Based Virus Quantification in Minutes!

*The ViroTag® detection system provides mission-critical data in real-time.*

Now! With ViroTag for Adeno-associated virus serotypes 2 and 3, label your crude or purified samples, analyze on the Virus Counter® and gain an even higher level of quantitative precision. Enables immediate tracking of virus titer in your growth systems to:

- \* Optimize growth conditions
- \* Maximize yields
- \* Identify problems sooner

*The lack of robust quantification methods for viral vectors is a significant unmet need in the gene therapy arena. Direct, real-time and specific titration of viral particles during growth, purification, final quality control and release is essential for consistent, efficient and scalable manufacture of safe product.*

*Does your organization need a faster, more precise, easy-to-use way to quantify virus?*

*Are your current virus quantification methods proving to be the bottleneck in your production process?*

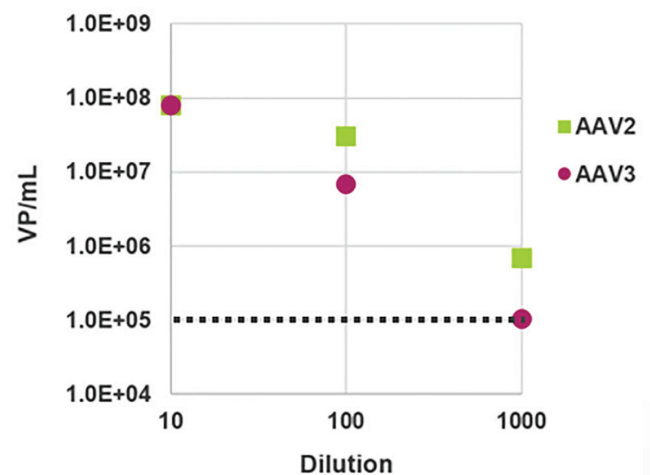
Then consider this: ViroCyt® has developed a novel technology enabling direct, biologically-specific quantification of viruses in minutes rather than the days or weeks required by more traditional and less accurate approaches.

ViroTag® utilizes a fluorescently-labeled, high-affinity antibody which binds to a unique epitope specifically expressed by your virus of interest.

*With the Virus Counter 3100, use this rapid, no-wash labeling procedure and take Adeno-associated virus quantification to new levels of accuracy, speed and simplicity!*

### RESULTS

ViroTag AAV2-3 uses an antibody capable of detecting both the AAV2 and AAV3 serotypes. Figure 1 illustrates the results for dilution series of each of these.



**Figure 1:** Crude samples of AAV2 and AAV3 were quantified using ViroTag AAV2-3 on the Virus Counter 3100 and show good linearity with dilution. The dotted line represents the lower limit of detection of the Virus Counter 3100.