

## Direct Antibody-Based Virus Quantification in Minutes!

*The ViroTag<sup>®</sup> detection system provides mission-critical data in real-time.*

Now! With ViroTag, label your crude or purified samples, analyze on the Virus Counter<sup>®</sup> and gain an even higher level of quantitative precision. Enables immediate tracking of virus titer in your bioreactors to:

Optimize growth conditions

Maximize yields

Identify problems sooner



*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<sup>®</sup> has developed a novel technology enabling direct, biologically-specific quantification of viruses in minutes rather than the days or weeks required by more traditional approaches.

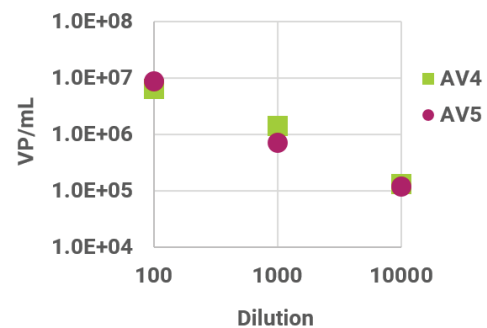
ViroTag<sup>®</sup> utilizes a fluorescently-labeled, high-affinity antibody which binds to a unique epitope specifically expressed by your virus of interest.

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

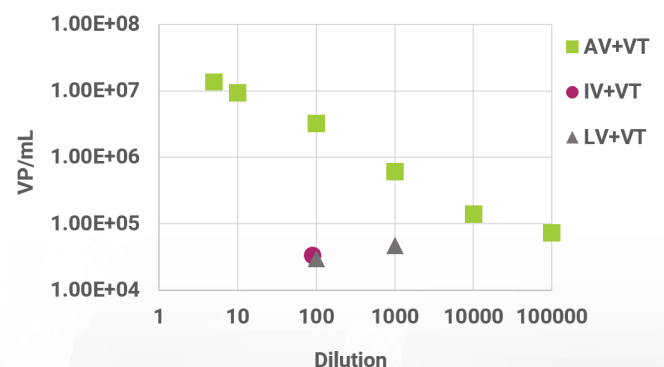
### ADENOVIRUS RESULTS

ViroTag ADVX (Adenovirus; X for cross-reactive) uses an antibody capable of detecting multiple Adenovirus serotypes and has been tested with 2 through 6 on the Virus Counter 3100. Figure 1 illustrates the results for dilution series of Adenovirus 4 and 5.

The specificity of ViroTag ADVX has also been confirmed against a panel of viruses known to not contain the targeted antigen, including Influenza and Lentivirus (Figure 2).



**Figure 1: Adenovirus Dilution Series.** Stock samples of Adenovirus serotypes 4 and 5 were diluted in Sample Dilution Buffer and quantified using ViroTag ADVX on the Virus Counter 3100.



**Figure 2: Adenovirus Specificity.** The ViroTag ADVX (VT) reagent detects Adenovirus (AV) and not Influenza (IV) or Lentivirus (LV) above the Virus Counter 3100 lower limit of detection of 5x10E5 vp/ml.

