

Direct Antibody-Based Virus Quantification in Minutes!

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

Now! With ViroTag, 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 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[®] 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[®] 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).

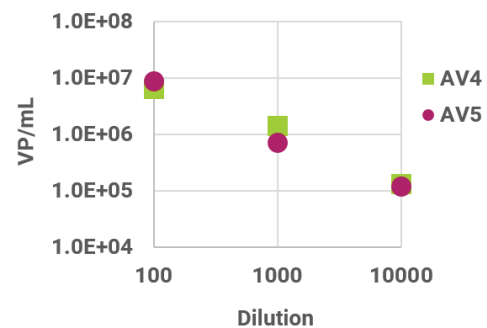


Figure 1: Adenovirus Dilution Series. Stock samples of Adenovirus serotypes 4 and 5 were diluted in Sample Dilution Buffer and quantified using ViroTag ADVX on the Virus Counter 3100.

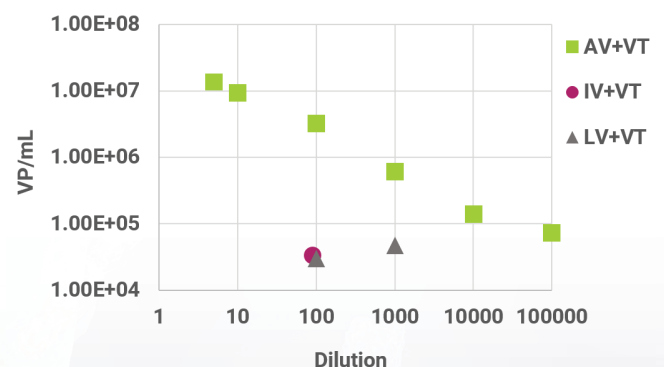


Figure 2: Adenovirus Specificity. The ViroTag ADVX (VT) reagent detects Adenovirus (AV) and not Influenza (IV) or Lentivirus (LV) above the Virus Counter 3100 lower limit of detection of 5x10E5 vp/ml.

