

# Genome Titer and Integrity using Gator® AAV GeneSwift Kit

Genome titer is a CQA for safe and efficacious gene therapy products. The GeneSwift kit combines the advantages of DNA sequence specificity, immunoassay based signal amplification, and the speed and ease of BLI to accurately quantitate AAV genome titer. The wide dynamic range of this assay enables titer measurement without sample dilution that is needed in ddPCR assay. This results in very little hands-on time and better reproducibility. Gator's assay allows for up to 32 sample analysis in 35 minutes depending upon the instrument.

## PRODUCT INFORMATION

### Part Number

350006, 350007, 360008, 350010

### Includes

- Anti-Fluorescein Biosensors
- B\*PolyA Oligo
- Biotin Detection Reagent
- Hybridization Buffer
- Q Buffer
- 96-Well Ready Plate (x6)
- 96-Well Reagent Black Plate Map
- MAX Plate (x1)
- 8-Strip Tubes (x12)
- Picker

## PERFORMANCE SUMMARY

### Dynamic Range

4E+09 to 3E+12 vg/mL

### Assay Time

Up to 4, 8, 16 or 32 samples in 35 minutes (instrument dependent)

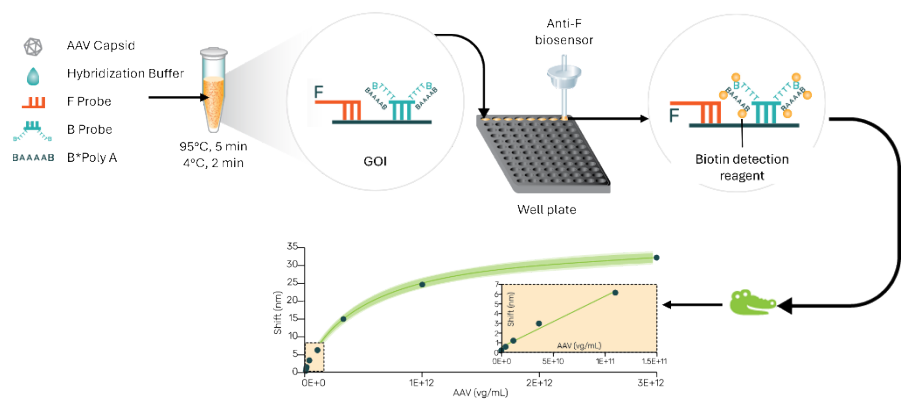
### Precision

2-15% CV

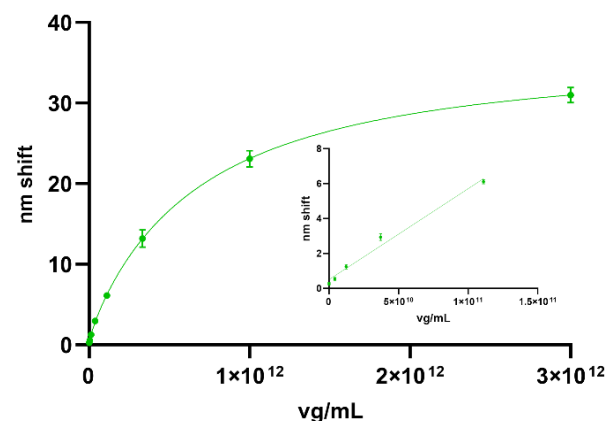
## KEY BENEFITS

- Applicable to all AAV serotypes
- Works in crude matrices
- Gene-of-Interest specific

## GENESWIFT ASSAY WORKFLOW



## DYNAMIC RANGE AND PRECISION



AAV genome titer dynamic range from 4E+09 – 3E+12 vg/mL. The % CV values for all data points are <10%. Data was obtained using GFP oligo pair.

