

# AAVX Titer Capsid ELISA Kit — Multiple Serotypes

Cat.No. L01035

## Key Features



### Multiple Serotype Coverage

Suitable for but not limited to the titer detection of AAV1, 2, 5, 6, 8, 9



### High Assay Precision

Intra-assay CV  $\leq 10\%$  and Inter-assay CV  $\leq 10\%$



### Short Detection Time

2.5 hours



### Standard

L01035 provides AAV2 standard

\* Standards for other single serotypes need to be prepared by the user.

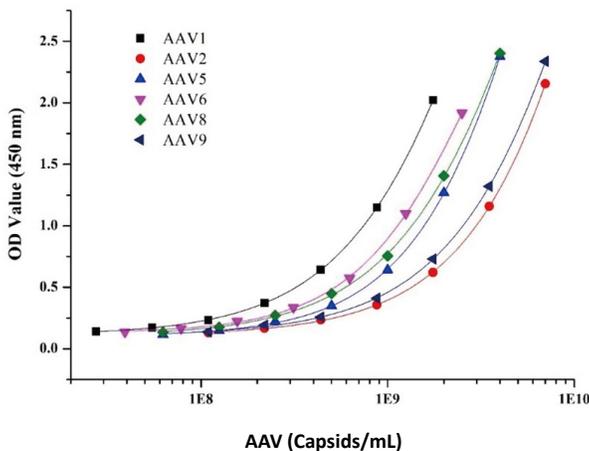


### In-House Raw Material Production

To ensure high purity, specificity, consistency, and stability

## Standard Curve

AAVX Standard Curve

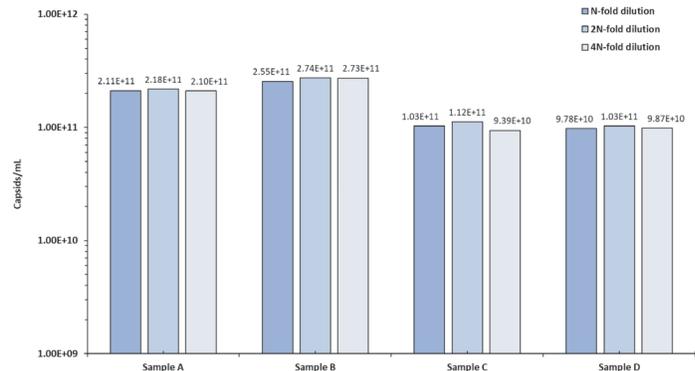


✓ The standard curves were established by using different single AAV serotype standards.

## Validation Data

### Excellent Dilution Linearity

Dilution Linearity Assessment of AAVX Multiple Serotypes ELISA Kit

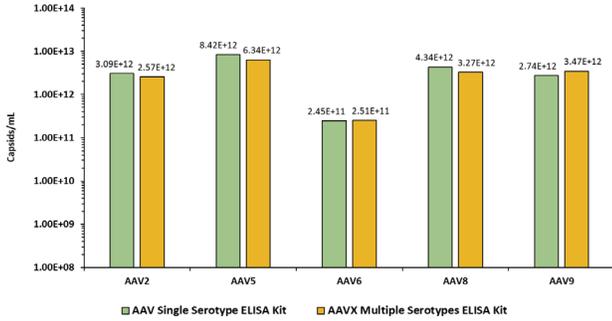


\*Set three different dilution factors for each of the three different samples to analysis the dilution linearity of L01035.

✓ The results of L01035 are not affected by the dilution factor.

## ▶ Multiplex Serotype Titer Universal Detection

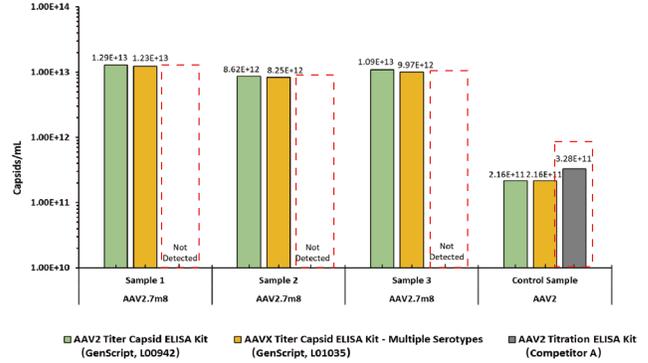
Concordance Analysis of AAVX Multiple Serotypes ELISA Kit with Single Serotype ELISA Kit



✓ The results of AAVX ELISA kit are consistent with those of different single AAV serotype ELISA kits, and the coefficient of variation (CV) is within 20%.

## ▶ High Applicability for the Modified AAV2.7m8

Comparative Analysis of AAV2 and AAV2.7m8 Detection Using Different Assay Kits

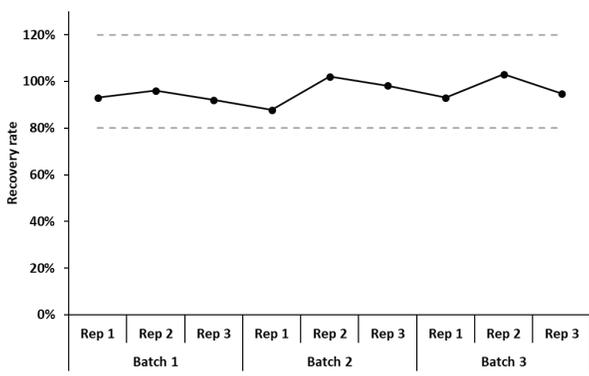


✓ For the detection of AAV2.7m8 Titer:

Both GenScript's AAVX ELISA kit (L01035) and AAV2 ELISA kit (L00942) are capable of detecting AAV2.7m8 and demonstrate good consistency.

## ▶ High Assay Accuracy

Recovery Analysis of Three Batches of AAVX Multiple Serotypes ELISA Kit

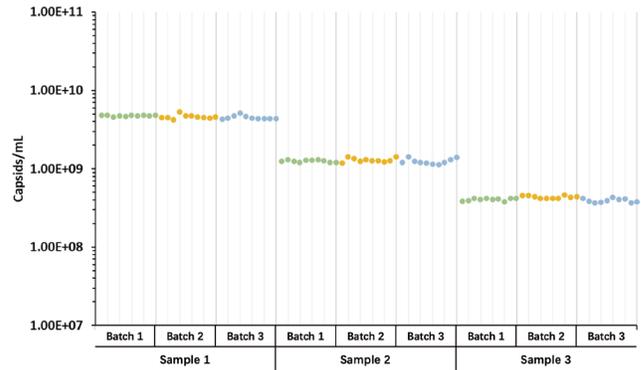


\*Using three batches of L01035 to test the same sample to evaluate the accuracy.

✓ The recovery rate of L01035 was between 80% and 120%.

## ▶ High Assay Precision

Intra-assay and Inter-assay Precision Analysis of AAVX Multiple Serotypes ELISA Kit



\*Three batches of L01035 were used to test three different concentrations of samples, each tested 10 times, to calculate the coefficient of variation (CV).

✓ Intra-assay CV ≤ 10% and Inter-assay CV ≤ 10%.