

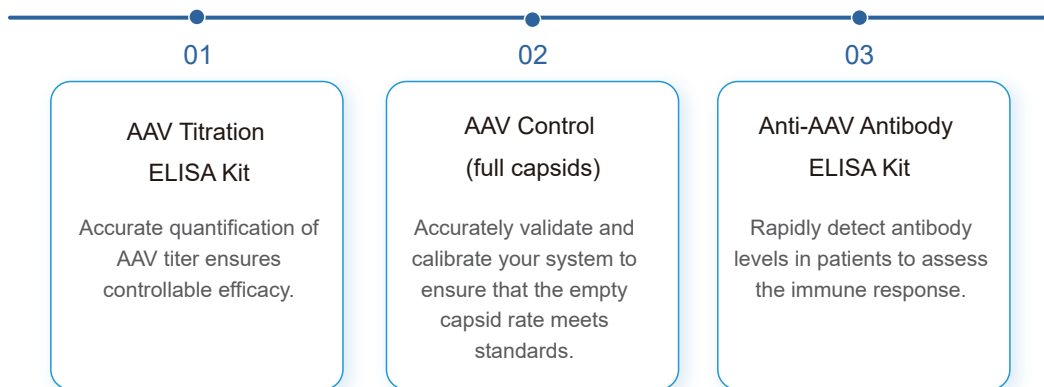
Precise Solutions for Gene Therapy Success

Integrated AAV Testing Solutions: From Titer Quantification to Immune Response Monitoring



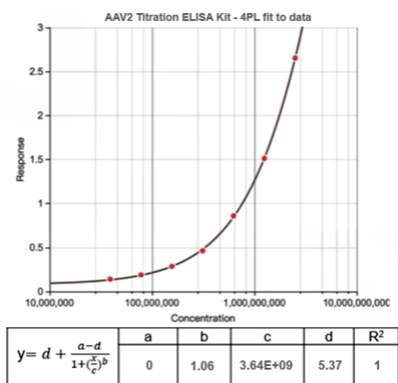
Are you seeking efficient and reliable testing solutions to forward your gene therapy development? Creative Diagnostics provides a comprehensive testing solution for enhancing the standardization and safety of AAV (Adeno-Associated Virus) related research.

Three Synergistic Solutions for End-to-End AAV Quality Control

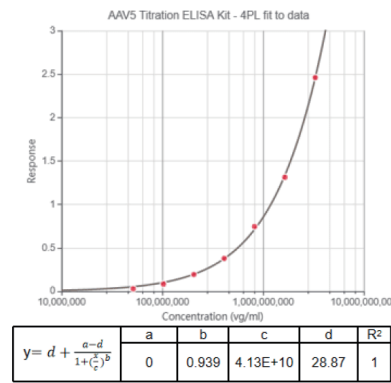


AAV Titration ELISA Kit

Includes AAV2/AAV5/AAV6/AAV8/AAV9 serotype titrations and multiple serotypes AAV capsid ELISA kit.

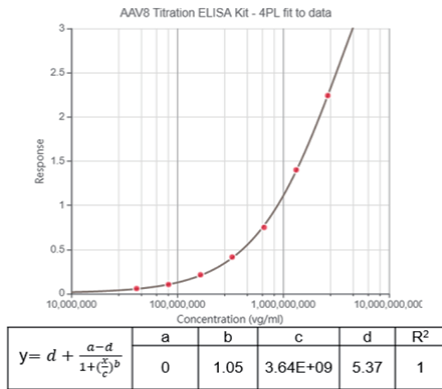


AAV2

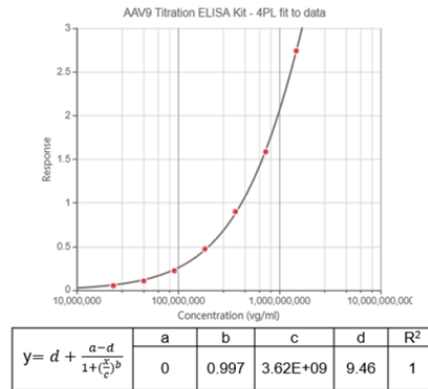


AAV5

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AAV8



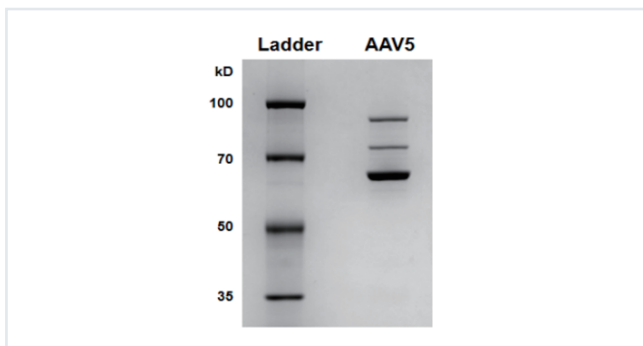
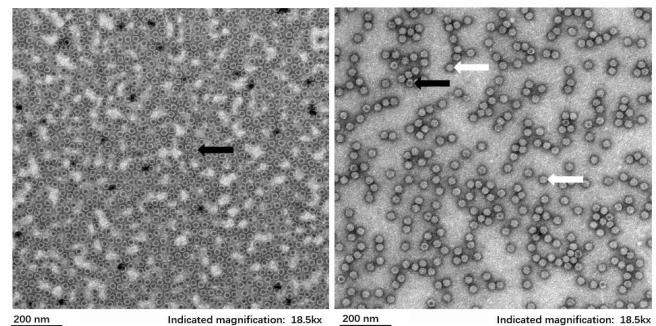
AAV9

Typical assay working ranges (capsids/mL) for different AAV serotypes

- AAV2: 3.91E+07 - 2.50E+09
- AAV5: 5.14E+07 - 3.29E+09
- AAV6: 3.91E+07 - 2.50E+09
- AAV8: 4.14E+07 - 2.65E+09
- AAV9: 2.30E+07 - 1.47E+09

AAV VLP Standard (Complete Capsids and Empty Capsids)

TEM (transmission electron microscopy) images of purified AAV5 standards. The empty capsid standard is shown in the left image, while the right image depicts the complete capsid standard. Complete capsids appear as white spheres (white arrows), whereas empty capsids are represented as spheres with a black dot in the center (black arrows).



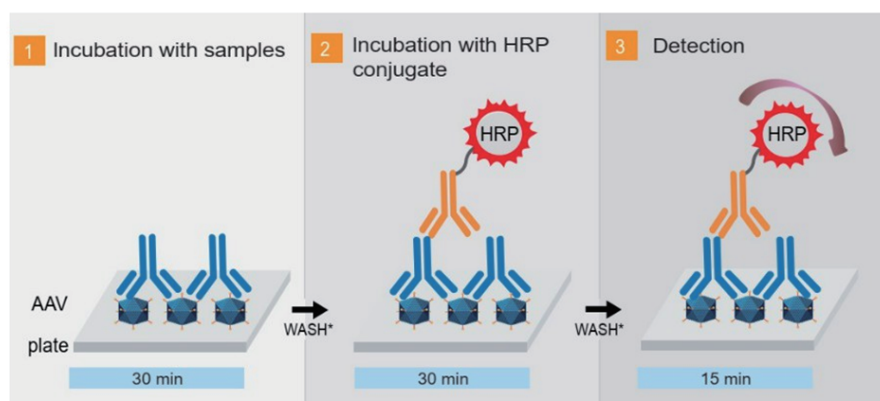
Silver staining of AAV standards (intact capsids). Load AAV standards onto a Bis-Tris SDS-PAGE gel and detect proteins using silver staining.

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- **Rapid Capsid Quality Assessment:** The ratio of capsid protein titer (ELISA) to genomic titer (ddPCR) enables fast screening of empty capsids.
- **High Purity and Specificity:** Complete Capsids of AAV1, AAV2, AAV5, AAV6, AAV8, and AAV9 serve as standards for qPCR titer assays.
- **High Percentage of Intact Capsids:** Featuring intact capsid levels ranging from 60% to 86%.
- **Remarkable Stability:** AAV vectors stored at -80°C maintain their integrity for 1.5 years, with no change in viral genome titer or total viral particle titer.

Anti-AAV Antibody ELISA Kit

We provide accurate qualitative detection of AAV antibody levels in different species, according to the **Clinical and Laboratory Standards Institute (CLSI)**. If needed, we can also provide quantitative detection kits for your use.



AAV Testing and Analysis Services

Creative Diagnostics provides a full range of testing services covering multiple parameters, including evaluations for genomic titer (using qPCR or ddPCR methods), AAV purity (SDS-PAGE), endotoxins, and mycoplasma, along with TEM analysis, among others. We recognize that each customer has specific testing requirements and are committed to offering robust, reliable, and tailored testing methods.

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Product Information for Reference.

DEIA589	AAV2 Titration ELISA Kit	DEIASL343M	Mouse Anti-AAV5 Antibody ELISA Kit
DEIAAV5	AAV5 Titration ELISA kit	DEIASL344M	Mouse Anti-AAV6 Antibody ELISA kit
DEIAAV6	AAV6 Titration ELISA Kit	DEIASL345M	Mouse Anti-AAV8 Antibody ELISA Kit
DEIAAV8	AAV8 Titration ELISA Kit	DEIASL348M	Mouse Anti-AAV9 Antibody ELISA Kit
DEIAAV9	AAV9 Titration ELISA Kit	DEIASL345MQ	Mouse Anti-AAV8 Antibody ELISA Kit (Quantitative)
DEIASL347	Anti-AAV2 Antibody ELISA Kit	DEIASL348D	Canine Anti-AAV9 Antibody ELISA Kit
DEIASL343	Human Anti-AAV5 Antibody ELISA Kit	DEIASL347R	Rat Anti-AAV2 Antibody ELISA Kit
DEIASL344	Anti-AAV6 Antibody ELISA kit	DEIASL345R	Rat Anti-AAV8 Antibody ELISA Kit
DEIASL345	Anti-AAV8 Antibody ELISA Kit	DEIASL348R	Rat Anti-AAV9 Antibody ELISA Kit
DEIASL348	Anti-AAV9 Antibody ELISA Kit	DEIASL344P	Pig Anti-AAV6 Antibody ELISA kit
DEIASL343Y	Monkey Anti-AAV5 Antibody ELISA Kit	PSVSD254	Pseudotyped AAV1 Molecular Control
DEIASL344Y	Monkey Anti-AAV6 Antibody ELISA Kit	PSVSD255	Pseudotyped AAV2 Molecular Control
DEIASL345Y	Monkey Anti-AAV8 Antibody ELISA Kit	PSVSD256	Pseudotyped AAV5 Molecular Control
DEIASL348Y	Monkey Anti-AAV9 Antibody ELISA Kit	PSVSD257	Pseudotyped AAV6 Molecular Control
DEIASL347M	Mouse Anti-AAV2 Antibody ELISA Kit	PSVSD258	Pseudotyped AAV8 Molecular Control