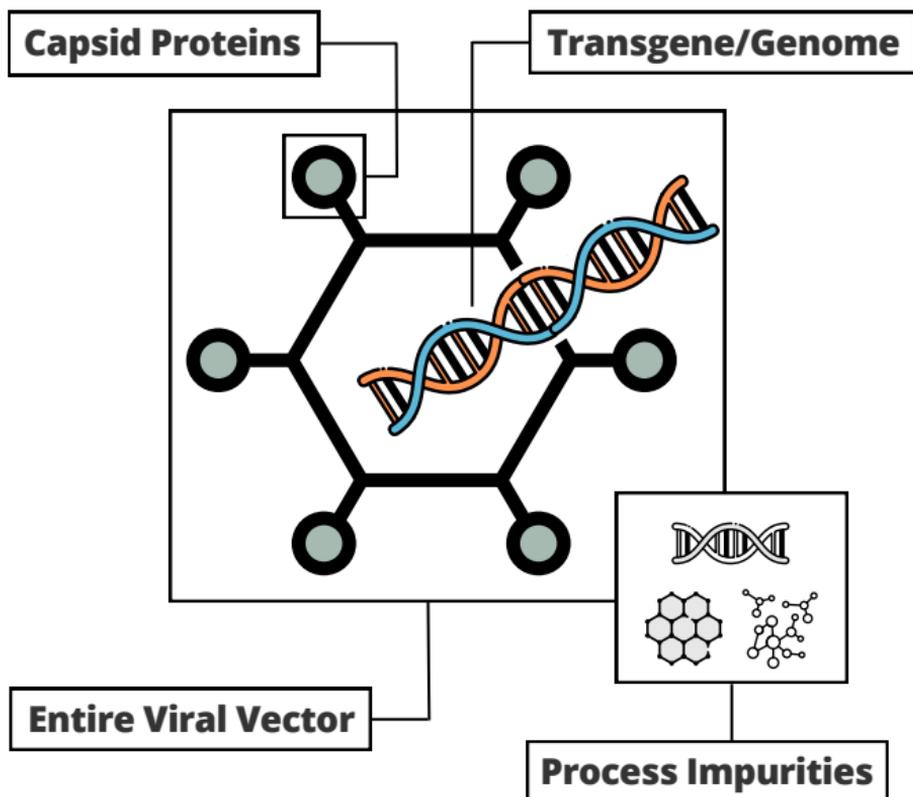




KYMOS
GROUP

Characterization of Viral Vectors

Advanced Therapies Services in GMP



Our specialized team has
experience with the following virus:

- Adeno-associated virus (AAV)
- Adenovirus (AV)
- Lentivirus (LT)



GMP
CERTIFIED

GLP
CERTIFIED

GCP
COMPLIANT

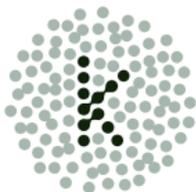
EMA
INSPECTED

FDA
INSPECTED

ANVISA
INSPECTED



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KYMOS
GROUP

Characterization of Viral Vectors

Cutting-edge technology for CMC and Quality Control of Advanced Therapies in Europe

Capsid Proteins Characterization

- Molecular weight determination of protein constituents by LC-HRMS
- Correct ratio of protein constituents and purity by GCE and SDS-PAGE
- Amino acid sequencing by LC-MS/MS

Transgene/Genome Characterization

- Identity, purity and size by GCE-LIF
- Sequencing by NGS
- DNA quantification by qPCR and fluorescence methods

Entire Viral Vector Characterization

- Quantitation, empty/full capsids ratio, and purity by AEX
- Empty/full capsids and aggregation by TEM
- Aggregation by SEC
- Quantitation by ELISA
- Biological activity and protein expression

Process Related Impurities

- Residual host cell proteins and enzymes by ELISA
- Residual host cell DNA by qPCR and GCE-LID
- Residual antibiotics by HPLC

** Some tests are provided in alliance with a partner.*

GMP certified & GCP compliant. EMA and FDA inspected



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