

# **AAV8 Reference Material Characterization Handling Instructions and Testing Schedule:**

1. You should receive two vials from ATCC on dry ice.
2. Upon receipt, store both vials frozen at -70 to -90°C.
3. Thaw one vial at room temperature while mixing gently (DO NOT VORTEX).
4. Keep the thawed vial on wet ice (note - it is important NOT to aliquot the RSM since this can result in significant loss of titer due to binding to the plasticware).
- 5. Within 1 hour of thawing, conduct an [infectivity assay](#).**
6. Store the remainder of the thawed vial at 4°C and mix gently upon use.
7. Within 5 days of vial thaw, conduct:
  - a. [Identity-Purity assay](#)
  - b. [Particle titer by ELISA](#)
  - c. [Genome copy titration by qPCR](#)
8. Repeat Steps 3 through 7 on the second vial starting on a different calendar day.

