

**Adenoviral Reference Material Working Group
Bid Submission Form
Participation in Assignment of Particle Concentration
RFP 8.0**

Proposal to Perform the Spectrophotometric Particle Assay

The Biotechnology Research Institute (BRI) of the National Research Council of Canada (NRC) wishes to participate in the establishment of a more accurate extinction coefficient for the OD₂₆₀/SDS assay and will adhere to the Working Group's DOP.

Staff capabilities

The staff that will perform this assay has been working in the Downstream Processing Unit on a purification process scale-up for a rAd5 for approximately 3 years and have extensive knowledge and hands-on experience on the procedure in which to quantify total viral particles by absorbance at 260nm in the presence of SDS.

Equipment

The spectrophotometer used in this assay is the Beckman, Single Beam Detector, Model number DU 640i, Serial number 4316501, which shall be re-calibrated shortly. The certificate of calibration can and will be sent to you along with the results.

Timing

Upon receipt of the material, and from the date of thawing it will take this laboratory 3 days to perform, review and report the results according to the Working Group's report form (Excel spreadsheet).

Quantities of Materials Needed

For this method, we would need 2 vials of 500uL each at $2-5 \times 10^{11}$ VP/mL in accordance with the Working Group's DOP.

Testing Schedule

We should be ready to begin testing by mid to late October 2001

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Please complete the following fields:

Contact Information – RFP 8.0

*Contact Individual:	Amine Kamen
Institution:	Biotechnology Research Institute-National Research Council
Address:	6100, Royalmount Ave Montreal, QUE, H4P 2R2 CANADA
Phone Number:	514-496 2264
Fax Number:	514-496 6785
Email Address:	<u>Amine.kamen@nrc.ca</u>

***If laboratories are submitting a proposal as a group, a main contact should be provided along with contact information for each participating laboratory (attach additional copies of this form).**

Please indicate if your institution is also submitting proposals for the other activities:

- Determination of Infectious Titer
- Other Characterization