

Bid Submission Form
Participation in Assignment of Infectious Titer
RFP 9.0

Please complete the following fields:

Contact Information – RFP 9.0

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***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 Particle Concentration
- Short-term/Field Stability Studies
- Long-term Stability Study
- Other Characterization
- Donation of Supplies/Other Services for Characterization Phase

1. Introduction

Qbiogene is a supplier of quality tools and services for functional genomics and gene delivery research. The company was established in April 2000, through the merging of these manufacturers – Quantum Biotechnologies (Montreal, Canada), BIO 101 (Carlsbad, California), Appligene (Strasbourg, France) and Excell Biotech (Edinburgh, UK).

Our corporate headquarters and center for adenovirus research and development is located in Montreal, Canada, formerly the headquarters of Quantum Biotechnologies. Quantum Biotechnologies was the first company to commercialize adenovirus technology by offering research kits for the construction of adenovirus as well as adenovirus custom services. This offering has been significantly expanded on, and today we offer a series of adenoviral vectors, ready-made adenoviruses and have expanded our custom services business to include adenovirus cGMP capability.

Our Carlsbad (California) and Strasbourg (France) facilities are Qbiogene operational headquarters in North America and Europe, respectively.

Finally, cGMP custom services are performed in Edinburgh, UK. These services include antibody, plasmid and other cell-derived protein production as well as adenovirus production.

2. Qbiogene experience

Over the last five years, we have developed a strong expertise in Adenovirus manufacturing and quality control. In the last 18 months, we have produced and tested more than 300 viruses. All QC staff received extensive training and routinely performs this assay.

3. Equipment

- Our laminar flow hoods (Microzone) are suitable for BL-2 containment. They are verified and certified once a year. Our laboratory high maintenance routine keeps them clean at all times.
- Our CO₂ incubators (Sanyo and Forma) are verified weekly for temperature and CO₂ level stability.
- Our low speed centrifuge (Beckman, model Allegra 6R) has a maximum speed of 3750 rpm and is coupled to a swinging bucket rotor model GH 3.8. The instrument is under a service contract and is verified and certified once a year.
- Our inverted light microscope (Leica, model DMIL) is fitted with a 10X brightfield objective and 10X eyepieces. It is verified once year by an external technical support.
- Our adjustable microliter pipettes (P20, P200 and P1000; Gilson) are verified in-house every month, and calibrated under service contract when arise the need.
- Our adjustable microliter multi-channel pipette has a capacity of 25-200 µL. The instrument is verified in-house every month, and calibrated under service contract when arise the need.

4. Commitment

Qbiogene is ready to begin testing in September. The particle concentration test and the final QA manager approved report will take approximately 5 weeks.