



**EPA GUIDE STANDARD A PROTOCOL FOR
TESTING MICROBIOLOGICAL WATER PURIFIERS**
(Information / Considerations to facilitate Quotation and Testing Strategy)

In order to provide a quotation for a EPA Guide Standard based study BioVir needs certain information about your product, only some of which can be determined by review of product literature and specifications. Also, since the document from which we base the study is only a guide, there are certain variables which need to be considered by the manufacturer. These variables can impact both the set-up of the study and the cost. Things that BioVir will typically need to know:

1. Filtration type(s)
2. Disinfection type(s)
3. If UV is used, please describe the lamp (type, UV Spectrum, etc.)
4. Total Capacity
5. Flow Rate (expected rate at 60 psig dynamic)
6. Void volume of the whole unit (Critical to providing a quotation)
7. If the unit contains a storage tank, can the tank be bypassed?
8. Is the unit intended to be certified in California as a purifier?
9. Has the unit been tested for cyst reduction under ANSI/NSF Standards all ready?
10. Manufacturer preference for Polystyrene beads or real Cryptosporidium
11. Manufacturer preference for including MS2 Phage in the study.
12. What is the realistic worst case test for this product?
13. How will your system handle high turbidity (>30 NTU) and high TOC (>30 mg/L) water?
14. What microbial challenge testing has all ready been performed on this unit?
15. How can BioVir obtain product specifications?
16. Is this unit currently in production?

Your consideration and response will allow us to provide you with a realistic and timely reply. Thank you for contacting BioVir Laboratories.