

Cryptosporidium Laboratory Audit Application Form

Part 1. Laboratory Information

Laboratory Name:		
Address:		
City:	State:	Zip:
Contact Person:		
Title:		
Telephone:	Fax:	
Email address:		
Type of laboratory (check one): <input type="checkbox"/> Commercial <input type="checkbox"/> Utility <input type="checkbox"/> State <input type="checkbox"/> Academic <input type="checkbox"/> Other		
Method used in the Laboratory: <input type="checkbox"/> December 2005 Method 1623 <input type="checkbox"/> January 2012 Method 1623.1		
Number of field samples your laboratory is analyzing per month using Method 1623 and/or 1623.1:		
Date of Previous Audit:	Date of Initial Approval:	

Part 2. Personnel List

Name of Current Analyst and Technicians	Current position (Principal Analyst, Analyst, or Technician)	Evaluated during Previous Audit or Documentation Submitted to EPA (Yes/No)

Part 3. Method and Equipment Information: Versions of Method for which the lab is seeking evaluation

Method Procedure		Key Equipment	Manufacturer/Model
Check all that apply		Provide manufacturer and model for relevant pieces of equipment	
Filtration			
Indicate the volume filtered for each			
Pall Envirochek® HV		Cubitainer	
IDEXX Filta-Max®		Pump	
Other (describe)		Flow control valve	
		Flow meter or graduated container	
Elution			
Wrist action shaker		Laboratory shaker and side arms	
Filta-Max® wash station		Filta-Max® Manual station	
Other (describe)		Filta-Max® Automatic station	
Concentration			
Centrifugation		Centrifuge - 1500 X G, swinging-bucket centrifuge for 15 mL - 250-mL tubes	
Filtration through membrane			
Other (describe)		Concentrator apparatus (Filta-Max only)	
Purification			
Dynabeads® Crypto		Flat-sided sample tubes	
Dynabeads® CG-combo		Sample mixer/rotator for 10-mL tubes	
Other (describe)		Magnetic particle concentrator for 10-mL tubes	
		Magnetic particle concentrator for 1.5-mL tubes	
Staining and Examination			
Waterborne AquaGlo™		Microscope - Epifluorescence/ differential interference contrast (HMO or DIC) microscope with stage and ocular micrometers	
Waterborne Crypt-a-Glo™			
Waterborne Giardi-a-Glo™		20X to 100X objectives	
Meridian Merifluor®		Excitation/band pass microscope filters for fluorescein isothiocyanate (FITC) assay	
BTF EasyStain™		(provide specifications)	

Method Procedure		Key Equipment	Manufacturer/Model
Other (describe)		Excitation/band-pass filters for 4',6-diamidino-2-phenylindole (DAPI) assay (provide specifications)	
Other			
Descriptions of "other" method steps and other comments:		Refrigerator for sample storage	
		Refrigerator for reagent storage	

The above information is complete and accurate to the best of my knowledge.

Name and Signature of Laboratory Director or Designee

Date