



Certificate of Analysis/Quality Control Report

PCST101: G/C Stool Positive Control

Product: Positive Control suspension consisting of cysts of *Giardia lamblia* and oocysts of *Cryptosporidium parvum*. In fecal material This suspension accompanies all antibody kits incorporating anti-*Giardia lamblia* and/or anti-*Cryptosporidium parvum* antibodies.

Source of Cysts: Experimentally infected gerbils (*G. lamblia*)

Source of Oocysts: Experimentally infected mice (*C. parvum*)

Description: A vial of ~2x10⁵ *Giardia lamblia* cysts and ~2x10⁵ *Cryptosporidium parvum* oocysts in 1.0 mL mixed buffered aldehyde solution with fecal material made up in 0.0175 M PBS (phosphate buffered saline), pH 7.4, with 0.01% Tween 20 detergent.

Preparation: Cysts and oocysts are both purified by sucrose and Percoll density gradient centrifugation. Cysts and oocysts are identified by direct immunofluorescence microscopy with genus-specific monoclonal antibodies; also phase microscopy and quantified by Neubauer hemacytometer counting, using red blood cell method.

Lot/Quality Control Number: 234

Control/Production Date: 11/2022

Stability & Storage: Store at 4° C.