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(54) Title: VACCINE AND ANTITOXIN FOR TREATMENT AND PREVENTION OF C. DIFFICILE DISEASE

(57) Abstract

The present invention provides neutralizing antitoxin directed against *C. difficile* toxins. These antitoxins are produced in avian species using soluble recombinant *C. difficile* toxin proteins. The avian antitoxins are designed so as to be orally administrable in therapeutic amounts and may be in any form (i.e., as a solid or in aqueous solution). Solid forms of the antitoxin may comprise an enteric coating. These antitoxins are useful in the treatment of humans and other animals intoxicated with at least one bacterial toxin. The invention further provides vaccines capable of protecting a vaccinated recipient from the morbidity and mortality associated with *C. difficile* infection. These vaccines are useful for administration to humans and other animals at risk of exposure to *C. difficile* toxins.

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