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(54) Title: C. PERFRINGENS ALPHA TOXOID VACCINE

(57) Abstract: The present invention describes vaccines that comprise C. perfringens Type alpha toxoids, antigenic fragments thereof, inactivated antigenic fragments of C. perfringens Type alpha toxins, or any combination thereof. The present invention further describes methods of using with these vaccines to protect animals against clostridial diseases. The present invention also describes methods of making these vaccines.

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