

Title (en)  
ACTINOMYCES PYOGENES AND ACTINOMYCES PYOGENES/FUSOBACTERIUM NECROPHORUM VACCINES FOR IMMUNIZING CATTLE AND SHEEP

Title (de)  
ACTINOMYCES PYOGENES UND ACTINOMYCES PYOGENES/FUSOBAKTERIUM NECROPHORUM IMPFSTOFFE ZUR IMMUNISIERUNG VON VIEH UND SCHAFEN

Title (fr)  
VACCINS D'ACTINOMYCES PYOGENES ET D'ACTINOMYCES PYOGENES/FUSOBACTERIUM NECROPHORUM UTILES POUR IMMUNISER LE BETAIL BOVIN ET OVIN

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Application  
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Abstract (en)  
[origin: WO9640237A1] Novel inocula for administration to ruminant animals such as cattle or sheep are provided in order to immunize the animals and lessen the incidence of liver abscesses and/or foot rot therein. In one aspect, the invention pertains to an A. pyogenes-derived vaccine including an inactivated cell culture product (e.g., cell-elaborated supernatant) from A. pyogenes cell culture in a suitable carrier. In another aspect, the invention relates to a multivalent vaccine including at least first and second bacterial components in a carrier; the first component comprises an inactivated cell culture product of A. pyogenes whereas the second component comprises an inactivated cell culture product of F. necrophorum. The inocula of the present invention finds particular utility in incidences where ruminant animals are particularly subject to A. pyogenes infection leading to liver abscesses and/or foot rot, e.g., where the animals are regularly treated with an antibiotic or where cattle are fed a high grain content concentrate diet.

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