

(51) International classification :A61K003900000, A61K003902000, A61K003912000, C12N000912000, C07K001420000  
 (86) International Application No :NA  
 Filing Date :NA  
 (87) International Publication No : NA  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

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## (57) Abstract :

ABSTRACT: Title: Vaccine for Leptospirosis and Preparation Method for the Same The present disclosure proposes a vaccine for leptospirosis and its preparation method. The proposed method develops a whole-cell killed formalin treated vaccine for Leptospirosis. The developed whole-cell killed formalin treated vaccine is effective against epidemic and endemic cases of leptospirosis. The proposed vaccine shows a significant increase in the serum profile and provides effective increase in antibody levels. The proposed whole-cell killed formalin treated monovalent vaccine is prepared using Leptospira icterohaemorrhagiae and trivalent vaccine is prepared using Leptospira icterohaemorrhagiae, Leptospira louisiana, and Leptospira hebdomadis.

No. of Pages : 17 No. of Claims : 5