

Immunization of Cattle and Buffaloes with a Combined Black Leg and Haemorrhagic Septicemia Vaccine

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Summary: Black leg and haemorrhagic septicemia are two important diseases of cattle and buffaloes in Iran. The object of this study was to prepare and standardize an effective combined vaccine for immunization of cattle and buffaloes against above diseases. The prepared combined vaccine consisted of *Closteridium chauvoei* and *Pasteurella multocida* anacultures precipitated with aluminium hydroxide as adjuvant. The safety of the combined vaccine was tested on 2500 cattle and sheep. The potency was tested on guinea pigs, rabbits and mice according to the standard in the veterinary pharmacopoeia. The results of responses in injected animals indicated that the vaccine produced high level of immunity in laboratory animals.

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