

保存時間對冷凍乾燥兔化豬瘟毒種毒有效期限之探討

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摘要

有鑑於豬瘟對國內畜牧產業的影響，本所過去已開發出冷凍乾燥兔化豬瘟毒種毒，生產之疫苗於各豬場注射免疫後均具不錯成效。延續之前實驗，檢測冷凍乾燥兔化豬瘟毒種毒在有效期限內，是否仍保有合於標準之病毒力價，故由本所製劑研究組品管保存庫中隨機選出四批保存期限內至過期二年四個月之冷凍乾燥兔化豬瘟毒種毒，以動物實驗證明其效力。本次的實驗結果顯示，在正常保存之下的冷凍乾燥兔化豬瘟毒種毒，過期一年六個月時仍保有合格之病毒力價。

Influence of Storage on Efficacy of Frozen Dried Lapinized Hog Cholera Seed Virus

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Abstract

The Classical Swine Fever has a great negative impact on the industry of animal husbandry in Taiwan, our institute has already developed the frozen dried lapinized hog cholera seed virus which has proven to be efficacious. However, in order to test whether the frozen dried lapinized hog cholera seed virus is still effective post-expiry date, we randomly selected three batches of frozen dried lapinized hog cholera seed virus that were intentionally held for about 2.3 years in the storage unit of a Quality Control lab. The efficacy of these seed virus was then tested by animal experiments after storage. The results of this study indicate that seed virus stored under standard conditions are still effective even when used 1.5 years past the expiration date.