

我國羊隻結核病檢驗方法修訂之建議

生物研究組

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摘要

我國目前公告的「羊隻結核病檢驗方法」雖然是以各國普遍採用的結核菌素試驗為基礎，但因其內容較為簡略且操作不易，為利結核病的清除計畫，實有必要重新產生一份符合世界潮流且簡易可行的檢驗方法。經參考世界動物衛生組織建議的方法及美、英、澳、加、日等先進國家的官方檢驗方法後，擬定了我國羊隻結核病檢驗方法修正草案。除了將皮下注射法與頸側皮內注射法刪除，另增訂駢比檢驗法外，尾根皺襞注射法的判定方式也從原本的量測腫脹差改為視診與觸診。另外，也參照我國現行的牛隻結核病檢驗方法，將有關結核菌素的濃度與檢驗技術的內容納入此草案中。未來的工作重點除了將尋求產、官、學界對此草案的共識外，也計畫增訂我國鹿隻的結核病檢驗方法。

Recommendation for Revision of Caprine and Ovine

Tuberculosis Test in Taiwan

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Abstract

The official method to detect caprine and ovine tuberculosis in Taiwan is based on the tuberculin test, which has been a standard method and used worldwide. However, the testing protocol was brief and difficult to perform. To facilitate the eradication program of caprine and ovine tuberculosis, it is necessary to revise the tuberculosis test protocol to be convenient, labor-saving, and in accordance with international trend. The revision draft of caprine and ovine tuberculosis test was achieved by adopting the official protocols in OIE manual and those used in developed countries, including USA, UK, Australia, Canada, and Japan. Not only the subcutaneous and cervical intradermal injection methods were removed, but the comparative tuberculin test was added. Further, the interpretation of the caudal fold test was revised from measuring skin thickness to palpating or observing change. In addition, the associated techniques and concentration of tuberculin were subsumed in the revision draft, referring to the present bovine tuberculosis test protocol. In the future, we will look for a consensus of opinion on the revision draft of caprine and ovine tuberculosis test among the industry, the academic and government, and plan to draw up a tuberculosis test protocol for deer in Taiwan.