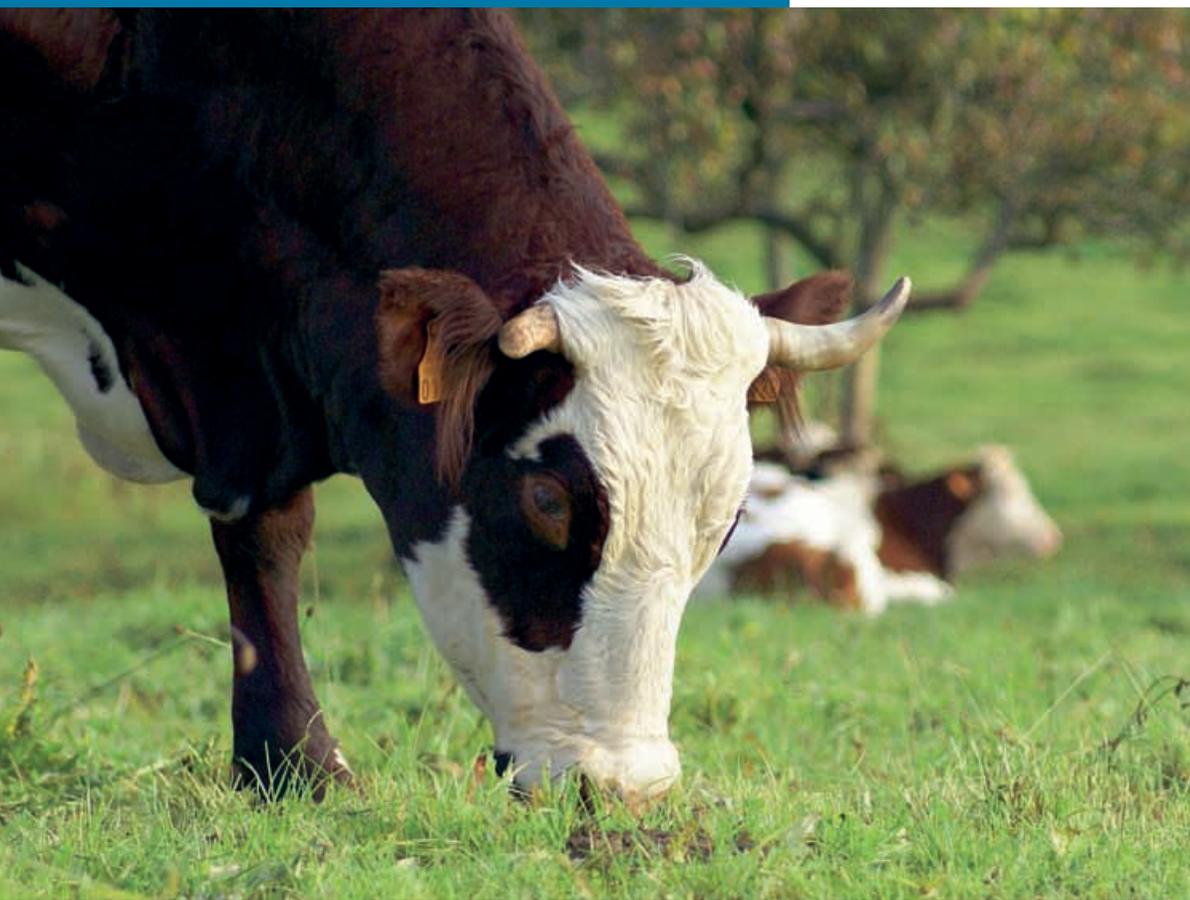


# Diagnosis of Bovine Tuberculosis. BOVINE AND AVIAN TUBERCULIN PPD



## HIGHLY EFFECTIVE TOOLS FOR BOVINE TUBERCULOSIS SKIN TEST.

- \_ Fully compliant to the European Pharmacopoeia monographs
- \_ Highest immunogenic potency
- \_ Internationally acknowledged high quality Tuberculin PPD
- \_ Produced in Lelystad by former Lelystad Biologicals
- \_ Based on longstanding experience in Tuberculin PPD manufacturing

# Tuberculin PPD

## Skin test for tuberculosis in cattle



### Bovine Tuberculin PPD 3000

Prod. No. 7600040 40 x 2 ml, 800 doses

Prod. No. 7600055 20 x 5 ml, 1000 doses

### Avian Tuberculin PPD 2500

Prod. No. 7600050 40 x 2 ml, 800 doses

Prod. No. 7600045 20 x 5 ml, 1000 doses

### Tuberculin PPD Kit (contains avian and bovine tuberculin)

Matched products suitable for SICCT

Prod. No. 7600025 20 x 2 ml, 20 x 20 doses each

Prod. No. 7600035 10 x 5 ml, 10 x 50 doses each

### Related product

**BOVIGAM**<sup>®</sup> (in vitro TB test; [www.prionics.com/BOVIGAM](http://www.prionics.com/BOVIGAM))

Prod. No. US / Rest of the world

63300/63320 (10-plate kit)

63306/63326 (30-plate kit)

### BOVINE TUBERCULOSIS

Bovine tuberculosis (TB) is a major infectious disease among cattle, other domestic animals and certain wildlife populations. It results from infection with *Mycobacterium bovis* and can be transmitted either by the respiratory route or by ingestion. Bovine TB is a chronic disease and it usually takes many months for clinical signs to develop. Bovine tuberculosis is a significant zoonosis that can spread to humans through aerosols and by drinking unpasteurized milk or dairy products from infected cows.

For diagnosis of a bovine TB infection, Prionics offers Bovine and Avian Tuberculin PPD for use in the skin test.

### Skin test

Bovine and Avian Tuberculin PPDs are administered intradermally and are thus in vivo diagnostica. In TB cattle, injection of Tuberculin PPD results in an immunological response at the site of injection. This is referred to as the Delayed Type Hypersensitivity (DTH) reaction and is observed as swelling and local inflammation of the skin (lesion). The thickness of the skin is measured with callipers 72 hours following injection.

### THE BENEFITS OF PRIONICS' BOVINE AND AVIAN TUBERCULIN PPD

#### Highest quality products

Tuberculin PPDs from Prionics are manufactured under GMP conditions, as laid down in EC directive 91/412/EC for Veterinary Medicinal Products. The products are the only Tuberculin PPDs that are fully compliant with the relevant European Pharmacopoeia monographs [0536] and [0535].  
[Only products in full compliance with the Eur. Ph. monographs.](#)

#### High immunogenic potency

The potency of the Tuberculin PPDs is determined in the Guinea pig potency test as defined in the EC directive 91/412/EC. Recent comparative studies have illustrated that the immunogenic potency of Prionics Tuberculin PPDs is one of the highest in the world.

[Tuberculin with one of the highest immunogenic potencies in the world.](#)

#### Long tradition of Tuberculin PPD manufacturing

Tuberculin PPD is being produced in Lelystad since 1949. Since 1986 it is approved as an international standard for bovine Tuberculin PPD by the World Health Organization (WHO). At its locations in Lelystad, Prionics maintains one of the largest productions of Tuberculin PPDs in the world.

[Approved as an international standard by the WHO since 1986.](#)

### EFFICIENT TOOLS IN ERADICATION OF BOVINE TB

The Bovine and Avian Tuberculin PPDs produced in Lelystad were used to eradicate bovine TB in the Netherlands. The products contribute to the reduction of bovine TB in Ireland since 1980 and in the UK since 2005.

### CONTACT INFORMATION

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