



OIE* approves BOVIGAM Kit for all bTB testing situations

The granted claims allow for the saving of time and costs

The World Organisation for Animal Health (OIE) has validated the Applied Biosystems™ BOVIGAM™ Kit for:

Use as primary test

- Helps save costs
 - Faster results, farm operations are back in business sooner than with skin testing
 - Only one vet visit required (for blood sampling) compared to two for skin testing
- Increased flexibility
 - Freedom to choose the optimal bTB diagnostic program customized to regional needs
 - Our stimulant antigen portfolio enables us to serve all possible program goals with one test application (eradication, control, monitoring, and trade)

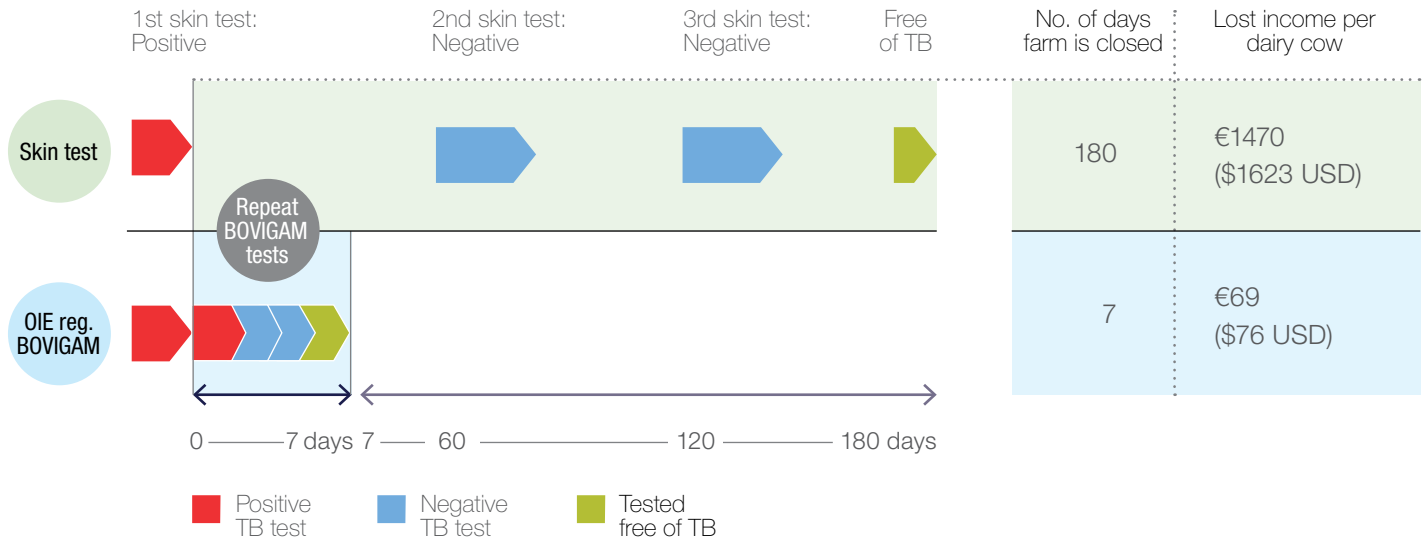
The purpose of reestablishing bTB-free status after outbreak

- Shorter farm closures possible
 - Farm operations can be back up and running within one week instead of up to 6 months when using a skin test alone
 - Helps to minimize negative economic impact on the farm
 - Shorter interruptions of live animal trade than with skin test
 - Freedom to choose optimal time point for animal trade
 - Milk can be provided to market as early as one week after closure (dairy). In Germany, this could save around €1400 (\$1,547 USD) per dairy cow**

The BOVIGAM kit is the only *in vitro* diagnostic test approved by the OIE for these purposes. To meet trade requirements and to confirm that your region is free of bTB, the applied test methods must be OIE approved. Make sure to check which applications your test is approved for.

Impact of the OIE claims on herd management

Use of the BOVIGAM TB kit to reestablish TB-free status after outbreak. Example: dairy farm†



With the BOVIGAM kit, farm operations can test free of TB within 7 days after a positive skin test, compared to up to 6 months with the skin test alone.

OIE registration of BOVIGAM TB kit

The OIE has included the BOVIGAM kit in their register of diagnostic kits certified for cattle, goat, buffalo (*Syncerus caffer*), and sheep for the following:

1. Eradication of TB infection from defined populations (primary testing)
2. Reestablishment of TB-free status after outbreak situations
3. Confirmatory diagnosis of suspected or clinical TB cases (includes confirmation of positive screening tests)
4. Historical absence of TB
5. Certify absence of TB infection or agent in individual animals or products for trade/movement purposes
6. Estimate prevalence of TB infection to facilitate risk analysis (surveys/herd health schemes/disease control)
7. Ancillary test for eradication of TB

The OIE registration is based on an extensive evaluation of the test using hundreds of thousands of data points.

The BOVIGAM TB kit

The BOVIGAM kit is a blood-based assay of cell-mediated immunity. Animals infected with *Mycobacterium bovis* (*M. bovis*) can be identified by measurement of the cytokine interferon gamma (IFN- γ).

The BOVIGAM kit has been widely used as an ancillary test to the tuberculin skin test. Various studies describe its effective use with the skin test in tuberculosis eradication programs.

The test is used in many countries for the detection of *M. bovis*-infected cattle, sheep, goats, and buffalo (*S. caffer*). With the application of the new OIE claims, bTB outbreaks can be addressed faster using the BOVIGAM kit, providing a major step forward in bTB eradication.

† Example of application of the BOVIGAM test as allowed following the new OIE regulation. National guidelines apply.

Ordering information

Product	Quantity	Cat. No.
BOVIGAM TB Kit	10-plate kit (150 samples)	63320
BOVIGAM TB Kit	30-plate kit (450 samples)	63326
BOVIGAM <i>Mycobacterium bovis</i> Gamma Interferon Test System for beef	10-plate kit (150 samples); incl. 2 x PPD and 1 x PWM	7610910 (Germany)
Related products		
BOVIGAM 2G Kit	10-plate kit (300 samples)	63330
VetMAX <i>M. tuberculosis</i> Complex Real-Time PCR Kit	100 reactions	MTBC
Stimulation antigens		
BOVIGAM Tuberculin PPD		
Bovine Tuberculin PPD 3000	5 mL; 30,000 IU/mL	7600060
Avian Tuberculin PPD 2500	5 mL; 25,000 IU/mL	7600065
Peptide cocktails		
BOVIGAM PC-EC Stimulation Antigen	3 mL (lyophilized); 120 samples	7600100
BOVIGAM PC-HP Stimulation Antigen	3 mL (lyophilized); 120 samples	7600105
Stimulation control		
BOVIGAM Pokeweed Mitogen (PWM)	1 vial; 3.2 mg	5108777
Tuberculin PPD for skin test*		
Tuberculin PPD Kit (contains avian (2,500 IU/dose) and bovine (3,000 IU/dose) tuberculin PPD; matched products suitable for SCT, SICCT)	20 x 2 mL, 20 x 20 doses each	A49402
Tuberculin PPD Kit (contains avian (2,500 IU/dose) and bovine (3,000 IU/dose) tuberculin PPD; matched products suitable for SCT, SICCT)	10 x 5 mL, 10 x 50 doses each	A49405
Bovine Tuberculin PPD 3000	40 x 2 mL, 800 doses	A49406
Bovine Tuberculin PPD 3000	20 x 5 mL, 1,000 doses	A49416
Avian Tuberculin PPD 2500	40 x 2 mL, 800 doses	A49412
Avian Tuberculin PPD 2500	20 x 5 mL, 1,000 doses	A49409

* These are regulated products and require a special order process. For more information, email Prionics Lelystad BV at orders.prionics@thermofisher.com

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