



#24P-18 ELISA for bovine Tuberculosis diagnosis

Bovine tuberculosis (BTB) is a disease chiefly caused by *Mycobacterium bovis*. It generates economic losses in livestock farms by reducing beef and dairy production and marketability of products and by-products. In turn, BTB constitutes a public health issue, since it is a zoonotic disease.

Presently, diagnosis is based on the tuberculin-PPD test. Investigators from the INTA Pathobiology Institute have developed a BTB ELISA kit as an additional tool to official control schemes. The strategic use proposal would enable diagnostic synergism and effective disease control.

ADVANTAGES:

- High sensitivity and diagnostic specificity
- Industrially scalable
- National and regional market potential

TECHNOLOGY READINESS LEVEL:

Technology validated in a relevant environment (pilot test, field test, etc.). It requires production and marketing scaling.

INTELLECTUAL PROPERTY RIGHTS STATUS: Qualifies for trade secrecy protection.

DNA de Vinculación Tecnológica y Relaciones Institucionales - National Coordination Office for Technological Cooperation and Institutional Relations, INTA . Intellectual Property Department-Technological Antenna

Dr. Mariana Nanni nanni.mariana@inta.gob.ar



Ministerio de Agricultura,
Ganadería y Pesca
Argentina