



**Laboratory
of Ploufragan-Plouzané-Niort
Niort site**

**To producers of reagents for
Paratuberculosis**

Niort, June 2, 2025

**Pathology and
Welfare**

Subject: Call for expressions of interest for a study to estimate the level of seroprevalence of paratuberculosis in goat herds based on the detection of antibodies in tank milk

File followed by :
Virginie POISSON

Dear Sir/Madam

Direct line :
05 49 79 61 28

E- mail :
virginie.poisson.reseaugds@anses.fr
valorisation@anses.fr

In goats, Johne's disease is responsible for progressive weight loss, reduced production and diarrhoea. In the absence of treatment, control of Johne's disease is essentially based on culling infected animals, applying biosecurity measures and vaccination, depending on the level of intra-herd prevalence.

Being able to estimate the level of paratuberculosis contamination in a herd on the basis of an serology analysis of tank milk is particularly important in goat herds where individual analyses are too costly. An initial study carried out a dozen years ago at the reference laboratory for Paratuberculosis in Niort showed an overall correlation between the value of antibodies detected in tank milk and the estimated seroprevalence in the herd. We would like to update this study on new farms and on the serological kits currently on the market.

With this in mind, tank milk will be collected from farms in the region and serology studies on serum and individual milks will be carried out on farms with different levels of tank milk reactivity.

In this context, the Laboratory in charge of the Paratuberculosis reference invites producers of in-vitro diagnostic reagents who have an antibody detection kit for the analysis of tank and



individual milks in goats to come forward and take part in this study as part of a scientific collaboration.

Producers are expected to provide the kits needed to analyse the milk and serum matrices. The number of plates required is estimated at between 50 and 100 depending on the herds selected.

At the end of the study, each participant will receive an individual copy of the results obtained only on their kit by the laboratory in charge of the paratuberculosis reference. The results obtained will be published in a scientific publication, and may be presented at scientific conferences. The names of the manufacturers of the products/kits evaluated will be cited in the publication and will be thanked for their participation in the study.

Please register your interest before **July 4, 2025**. Please send your reply by e-mail to virginie.poisson.reseaugds@anses.fr and valorisation@anses.fr.

After this date, we consider that you are not interested in this proposal.

Yours sincerely

Virginie POISSON