

ERFAN DIALOGUE

ELISA and Latex Agglutination Test

ERFAN Working Group

"Mycoplasma agalactiae and other Mycoplasmas"

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ELISA and Latex Agglutination Test



TIMETABLE

Central European Time (CET)

METHODOLOGY

The online ERFAN Dialogues days will be organized via Zoom platform

WORKING LANGUAGE

English

PRESENTATION

OBJECTIVES

PARTICIPANTS

PROGRAMME

TRAINERS-FACILITATORS

CONTACTS

AGENDA

PRESENTATION

This course describes, theoretically and practically, ELISA and Latex Agglutination test procedures for serological diagnosis of Abs against *Mycoplasma agalactiae*.

Our designed workflow starts, with technical and experience details, on serological test (ELISA) to provide rapid diagnosis of *Mycoplasma agalactiae* infection in sheep and goats farms, discussing advantages and disadvantages.

For LAT, the workflow starts from propagation of *Mycoplasma agalactiae* for Ag preparation, sensitization of latex beads and coating with Ag, and finally the agglutination reaction.

OBJECTIVES

To overcome the temporary unavailability of physical training and technology transfer for our partners, this training course aims to offer a sufficient knowledge and practical training, skills and competences required for successful serological diagnosis and development of a penside/on-site field assay (LAT).

PARTICIPANTS

The African participants come from National Veterinary Laboratories and Veterinary schools of Northern and Southern Africa, together with the IZS of Sicily experts from OIE Reference Laboratory for Contagious Agalactia and the IZS of Abruzzo and Molise experts from OIE Reference Laboratory for CBPP

CHAIRMAN: *Dr. Guido R. Loria*
IZSSI, Italy

Monday 13 June 2022

TIME	TOPIC	TRAINER
10.00 – 10.15	Opening and welcome	Dr. Roberto Puleio <i>IZSSI, Italy</i>
10.15 – 11.15	ELISA for serological diagnosis of anti- <i>Mycoplasma agalactiae</i> antibodies PPT & laboratory Movie	Dr. Sergio Migliore <i>IZSSI, Italy</i>
11.15 – 12.15	Latex Agglutination Test (principle and procedure) PPT & laboratory Movie	Dr. Hany A. Hussein <i>IZSSI, Italy</i>
12:15 – 12:45	Questions & Answers	All participants

TRAINERS-FACILITATORS

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