



FMD Diagnostics Course at IAH, Pirbright Laboratory, UK

Date: 12th – 23rd April 2010
Duration: 2 weeks
Cost: £750 per week = Total of £1500
Accommodation: £15 per night. Meals NOT included

Training Coordinator: Chris Oura
Course Coordinator: Nigel Ferris / Jeff Hammond
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TRAINING COURSE ON FMD DIAGNOSIS

Demonstrations and practicals on:

Sample receipt and preparation for FMD virus/antigen/genome detection
Use of cell cultures for FMD virus isolation
ELISA for FMD virus antigen detection
Use of a lateral flow device for FMD diagnosis
Preparation of primary calf thyroid cells for use in diagnosis
RT-PCR for FMD virus genome detection
FMD virus antibody detection by liquid phase blocking ELISA, solid phase blocking ELISA, virus neutralisation test and Cedi test
FMD virus strain characterisation

Lectures on :

Background introduction
Clinical (and differential diagnosis) of FMD
Epidemiology of FMD
Ageing of lesions
Problems with diagnosis in sheep
Laboratory diagnosis of FMD
Sample collection, packing and dispatch
Biosecurity and biosafety in the laboratory
Quality issues in laboratories dealing with FMD virus
ELISA practical problems

CLOSING DATE 21 FEBRUARY 2010