



PMT kit

Pets Modular Training kit

A Complete Teaching Support TP + TD

Context: Take a step into the professional veterinary world with this diagnostic kit that can detect two viruses :

- Canine parvovirus, a contagious virus that can affect the immune system
- Coryza in cats is an infectious disease that can be serious and against which it is very important to vaccinate cats.

Proposal: A practical exercise of molecular biology coupled with tutorials of bioinformatics to enable students to understand and manipulate veterinary diagnostic tools.

This kit enables:



- Extraction, purification and amplification of nucleic acids by PCR
- Analysis of nucleic fragments by electrophoresis
- Virus detection by membrane hybridization
- Search of nucleic sequences in a database

Kit components for 24 tests

- 24 ready-to-use membranes
- 1 microplate of 24 wells
- 24 PCR tubes
- Clamp
- User's manual
- Positive and negative DNA samples (plasmids)
- Optional: Real-Time PCR module

For courses in Biology

BTS Biology, IUT Biological Engineering, Biotechnology School, Engineering Schools