

LANRVN14

Preserve samples from animals for analysis and communicate the results



Overview

This standard covers the preserving of samples using refrigeration and chemical methods and communicating the results for decision making by the veterinary surgeon. This element also covers communicating the results from external laboratories.

The diagnostic tests may use equipments such as:

1. laboratory analysers (biochemistry and haematology)
2. refractometer
3. microscope
4. centrifuge
5. commercial test kits

This standard is suitable for registered veterinary nurses.

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Performance criteria

- You must be able to:*
- P1 preserve, store and label samples using the correct techniques in the appropriate containers
 - P2 complete the necessary documentation accurately and completely
 - P3 package and send any samples that require external analysis according to practice policy, legal requirements and requirements of the external testing laboratory
 - P4 obtain and record the results of tests that have been carried out by external laboratories
 - P5 prepare samples for internal analysis safely and effectively
 - P6 perform the correct test for analysing the sample using the accepted protocol and equipment safely and correctly
 - P7 record the results accurately and completely
 - P8 communicate the results promptly and accurately to the relevant person
 - P9 dispose of surplus and waste materials according to veterinary practice procedures
 - P10 assess the potential risks to health and safety in this area of work
 - P11 select and implement appropriate infection control procedures
 - P12 maintain your own professional conduct

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Knowledge and understanding

You need to know and understand:

- K1 the details that are required in relation to the sample and why it is important to record these correctly
- K2 how to preserve and store different types of samples to avoid spoilage or contamination
- K3 the procedures and regulations for sending samples for external analysis
- K4 why it is important to match diagnostic test results to the correct animal
- K5 the veterinary practice procedures for processing test data and samples for different types of diagnostic test
- K6 the procedures for analysing samples
- K7 how to minimise the risks of cross-contamination or exposure of samples
- K8 indications of invalid results, including inconsistencies with expected or previous results, discrepancies and critical errors
- K9 how to recognise problems with producing valid results and take the appropriate action
- K10 why it is important to accurately record analysis results and where they should be recorded
- K11 how to identify normal parameters of commonly undertaken measurements for samples
- K12 how to communicate the results of the analysis to the relevant person
- K13 the surplus and waste materials that should be disposed and how each should be disposed of
- K14 the principles and key points of relevant health and safety regulations and guidelines
- K15 appropriate infection control measures
- K16 your professional responsibilities as a registered veterinary nurse

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