



Australian Government

**Assessment Requirements for ACMATE502
Manage and maintain the health of research
animals**

Release: 2

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Modification History

Release	Comments
Release 2	This version released with ACM Animal Care and Management Training Package Version 3.0.
Release 1	This version released with ACM Animal Care and Management Training Package Version 1.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has:

- assisted in the investigation of disease processes and acted to prevent, treat, control and monitor disease on at least one occasion
- contributed to the development of two standard operating procedures to manage and maintain the health of research animals
- recognised and documented the impact of at least one disease process in a research program.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- principles and practices in managing health of research animals
- anatomical and physiological structures and functions related to:
 - health and wellbeing of animals commonly held in facility
 - ante-mortem and post-mortem changes in animals
- industry terminology, including for:
 - administration of substances
 - sampling techniques
 - animal technology workplace practices
 - identifying animals and describing their behaviour
 - diseases
- overview of animal diseases, including:

- microbiology of common diseases in research animals
- types of disease vectors
- types of infectious and non-infectious diseases relevant to commonly held research animals
- causes of infectious diseases and non-infectious diseases in commonly held research animals
- tissue and fluid sample types and methods of collection
- biohazards in the workplace of significance to animals and humans
- common disorders found in research animals
- parameters of normal and abnormal behaviour in animals, including signs of a healthy animal, and signs of an animal in pain or distress in commonly held species
- differences between ill health and phenotypes of genetically modified animals
- protocols, legal and ethical considerations in establishing animal care procedures and policies and gaining ethics committee approval
- current, relevant codes of practice, including the Australian Code for the Care and Use of Animals for Scientific Purposes
- relevant aspects of state or territory legislation and regulations relating to health of research animals
- organisational policies and safe work procedures relating to health of research animals
- workplace hygiene standards, including commonly used disinfectants, cleaning agents, cleaning techniques and cleaning equipment and materials
- sources of relevant scientific and technical literature.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - personal protective equipment – used when working with research animals
 - animals and animal housing used in research
- specifications:
 - organisational policies and procedures, legislation, regulations, industry standards and codes of practice relevant to work undertaken in animal research.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103>