



Australian Government

MSL954006 Relate anatomical and physiological features to laboratory samples

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MSL954003 Relate anatomical and physiological features to laboratory samples. Changes to Element titles, Performance Criteria and Knowledge Evidence to define scope of unit.

Application

This unit of competency describes the skills and knowledge to recognise and interpret different types of biological test samples to direct the specimen to the appropriate laboratory for testing. It covers knowledge of anatomy to interpret histology samples and knowledge of physiology to interpret pathology samples.

This unit applies to technicians who work in pathology laboratories. The unit principally refers to human pathology, but many aspects are relevant to veterinary pathology. This unit of competency assumes that the laboratory technician would operate under the close supervision of scientific and/or medical staff. Although a supervisor may not always be present, the technician will follow workplace procedures that clearly describe the scope of permitted practice.

No licensing or certification requirements exist at the time of publication. However, regulations and/or external accreditation requirements for laboratory operations exist, so local requirements should be checked. Relevant legislation, industry standards and codes of practice within Australia must also be applied.

Competency Field

Testing

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Recognise body systems and organs	1.1 Correctly identify sampled organs based on macroscopic appearance and main function 1.2 Use correct terminology to name organs and systems 1.3 Identify broad streams of disease that effect body systems and organs
2. Recognise tissues and	2.1 Correctly identify tissue types based on microscopic structure

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
cells	2.2 Correctly identify cell types based on microscopic structure 2.3 Use correct terminology to name tissue and cell types
3. Identify and direct test specimens	3.1 Use knowledge of body systems, organs and tissues to confirm the identity of fresh, fixed and treated biological test samples 3.2 Confirm test sample type matches test request 3.3 Follow procedures to direct test specimen to appropriate laboratory for testing

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to MSL954003 Relate anatomical and physiological features to laboratory samples.

Links

MSL Laboratory Operations Companion Volume Implementation Guide is available from VETNet –

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5c63a03b-4a6b-4ae5-9560-1e3c5f462baa>