

<b>Title</b>	<b>Demonstrate knowledge of animal tissues</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to describe: the cell types, organisation, and functions of animal tissues; and location of tissues in animal organs.
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<b>Classification</b>	Science > Biology
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 All work must be carried out in accordance with the quality management system, documented protocol system or Standard Operating Procedures acceptable in a commercial or research laboratory.
- 2 Health and Safety practices must conform to Australian/New Zealand Standard AS/NZS 2243:2010 Set – Safety in Laboratories, available at <http://www.standards.co.nz> and <http://infostore.saiglobal.com/store>.
- 3 Legislation applicable to this unit standard includes:  
 Health and Safety at Work Act 2015;  
 Hazardous Substances and New Organisms Act 1996.

### Outcomes and performance criteria

#### Outcome 1

Describe the cell types, organisation, and functions of animal tissues.

Range tissues – epithelial, connective, nervous, muscular;  
 evidence – one from each tissue.

#### Performance criteria

- 1.1 Cell types in tissue are described in terms of structure, functions, and organisation.
- 1.2 Structure of cell types in tissue are described by drawing labelled diagrams

**Outcome 2**

Describe the location of tissues in animal organs.

Range three of – skin, heart, lungs, brain, bladder, stomach, a skeletal muscle.

**Performance criteria**

- 2.1 Labelled outline diagrams of sectional views of animal organs are drawn to describe the tissue location.

<b>Replacement information</b>	This unit standard replaced unit standard 9228.
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**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	21 May 2010	31 December 2022
Rollover	2	27 January 2015	31 December 2022
Rollover and Revision	3	15 June 2017	31 December 2022
Revision	4	26 October 2017	31 December 2022
Review	5	22 October 2020	31 December 2022

<b>Consent and Moderation Requirements (CMR) reference</b>	0113
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.