

051106T4APB

APPLIED BIOLOGY LEVEL 6

APB/OS/AB/CR/10/6/A

Perform Immunological Techniques

Nov/Dec 2024



TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION COUNCIL

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PRACTICAL ASSESSMENT

Time: 3 hours

INSTRUCTIONS TO CANDIDATE:

1. You are required to perform the following tasks

TASK 1: Sample Preparation

- i. Label the microcentrifuge tubes sequentially.
- ii. Pipette **900 µL** of dilution buffer into each of the 10 labeled tubes.

TASK 2: Carry out ELISA Test

2. You have been provided with the following resources for the practical tasks:

- a) 10 Test tubes
- b) Dilution buffer
- c) Elisa plates
- d) Incubator
- e) Enzyme-linked secondary antib
- f) 15 microliter Sulphuric acid
- g) Plate readers
- h) Substrate solution (media)
- i) Sample containing Antigen
- j) 12 Labels
- k) Graph paper
- l) 1 Micropipette
- m) 12 Micropipette tips
- n) Stop watch

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