

Test Case Report

Steps:

Step 1: Action - Navigate to the login page, Description - Successfully navigated to the login page.

Step 2: Action - Enter credentials and log in, Description - Successfully entered credentials and logged in.

Step 3: Action - Navigate to the Experiments page, Description - Successfully navigated to the Experiments page.

Step 4: Action - Select an experiment and view details, Description - Successfully selected the '2D Protein Electrophoresis' experiment and navigated to its details page.

Step 5: Action - Scroll to the Learning Objectives section, Description - Successfully scrolled to the 'Learning Objectives' section.

Step 6: Action - Review the learning objectives, Description - The learning objectives are: 'To describe the techniques used in proteomics to analyze and separate proteins.', 'To apply general guidelines for efficient protein extraction from samples.', 'To understand the principle of 2D SDS PAGE protein separation.', 'To practice the setup required for successful iso-electric focusing.', 'To practice the steps of preparation of SDS PAGE and perform a run.', and 'To visualize the end results on gel and interpret them.'

Step 7: Action - Compare with experiment goals, Description - The learning objectives align well with the experiment's title and scientific description. The experiment aims to teach students about 2D protein electrophoresis, and the objectives cover relevant techniques, principles, and procedures.

Final Result:

The learning objectives are well-aligned with the experiment's goals. All steps were successful.

Status: success