

Student Exercise

Lab Sample ID

Barcode Label

Scenario

You completed your EIDSS laboratory module training last week, and today you're starting your first full day of work. After logging into EIDSS, navigate to the SAMPLES tab. There are two unaccessioned samples received this morning: blood-serum and nasopharyngeal swab, collected from a suspected measles case (Report ID _____). The samples are in good condition.

1. Locate the unaccessioned samples and accession them. Print barcode labels as needed.
2. Add these samples to the My Favorites tab.
3. Assign RT-PCR tests to both samples.
4. Create an aliquot of the blood serum sample for IgG avidity testing and PRN Assay.
5. Transfer the aliquot sample to NCDC, Tbilisi for this additional testing.
6. Twenty-four hours later you receive the following results: the blood-serum sample is positive for specific IgM antibodies; the nasopharyngeal swab is indeterminate. Record the test results.
7. A communication error occurred - the nasopharyngeal swab test result is actually positive. Amend the test result.
8. A new sample has been received from another suspected measles case. Register and accession this new sample in EIDSS.
9. A week later, positive blood serum results are received from the aliquot sent to NCDC, Tbilisi. Search for the blood serum sample and add this information to the Additional Test Details section.
10. Complete the exercise by marking all the measles-case samples for destruction.