

Module 5: Viral Load Specimen Collection and Preparation



Time: 30 minutes

Session Objectives

By the end of this session, participants will be able to:



- Describe the two types of viral load test specimens
- Explain the process of venous blood specimen collection
- Explain the process of dried blood spot specimen collection
- Describe elements of bio-safety

Session Overview

- Viral Load Test Specimens
- Venous Blood Specimen Collection
- Dried Blood Spot Specimen Collection
- Bio-safety

Materials Needed



- Slides
- Sample laboratory request form

25 minute
Lecture

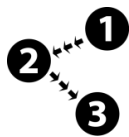


Trainer will:

- Introduce the two types of viral load test specimens.
 - Facilitate a discussion about the relative merits of plasma and dried blood spot specimens in participants' own settings.
- Describe the process of venous blood specimen collection.
 - Materials required for specimen collection
 - Venous blood specimen collection steps
 - Processing
 - Storage
 - Transport
 - Triple packaging
 - Venous blood specimen rejection criteria
- Describe the process of dried blood spot specimen collection.
 - Materials required for specimen collection
 - Dried blood spot specimen collection steps and tips

	<ul style="list-style-type: none"> ○ Storage ○ Transport ○ Dried blood spot specimen rejection criteria and solutions to DBS specimen collection errors, including: <ul style="list-style-type: none"> ▪ Can't read identification ▪ Not enough blood ▪ Layered or clotted blood ▪ Serum rings/alcohol contamination ▪ Too much blood ▪ Poor collection technique • Discuss key elements of biosafety in the context of specimen management for viral load testing.
5 minute Wrap-up	Trainer will ask if audience has any questions.

Methodologies



- Lecture