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Working

Yale - Total Protein 👄

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ABSTRACT

Summary:

Procedure to determine the total protein concentration in blood, serum, and plasma. Total Protein is determined by the biuret reaction.

EXTERNAL LINK

https://mmpc.org/shared/document.aspx?id=209&docType=Protocol

MATERIALS

NAME ~	CATALOG #	VENDOR ~
Total Protein Reagent	R84086	Prolabs(cliniqa)
Multi Analyte Calibrator	R60010	Prolabs(cliniqa)
Assayed Control Serum 1	R83082	Prolabs(cliniqa)
Assayed Control Serum 2	R83083	Prolabs(cliniqa)

MATERIALS TEXT

Reagent Preparation:

Total Protein Reagent: As supplied by vendor

Multi Analyte Calibrator: Add the appropriate amount of water (6.5mL) to the chemical control bottle. Invert to mix, allowing 15 minutes for the reagent to settle.

Assayed Control Serum 1: Add the appropriate amount of water (6.5mL) to the chemical control bottle. Invert to mix, allowing 15 minutes for the reagent to settle.

Assayed Control Serum 2: Add the appropriate amount of water (6.5mL) to the chemical control bottle. Invert to mix, allowing 15 minutes for the reagent to settle.

BEFORE STARTING

Analysis by automated system Cobas Mira Plus

- Calibrate Cobas for Total Protein analysis by running a multi-analyte calibrator and two control serum.
- Sample handling as performed by Cobas Mira Plus

- a) Pipette 5µL of sample into cuvette.
- b) Add 150 μL of Total Protein Reagent.
- c) Incubate at 37°C for 10 minutes
- d) Absorbance is measured at 550nm

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