



Lect.7.

Albumin

Principle

Serum albumin in the presence bromocresol of green at pH=4.2 produce a blue-green complex.

The intensity of the color is proportional to the albumin concentration.

PROCEDURE:

Working reagent:

The reagent is ready for use.

If the absorbance of working reagent is higher than 0.2 at 578 nm the reagent cannot be used.

Assay conditions:

Wavelength: 628 (578-650) nm

Temperature: 37 °C

Cuvette: 1 cm light path

Read against: reagent blank

Method: endpoint (increasing).

	Blank	Standard	Sample
Standard	-	10ml	-
Sample	-	-	10ml
Work reagent	1ml	1ml	1ml

Calculation using calibration:

$(Mg\backslash dl) = O.D \text{ sample} \backslash O.D \text{ standard} \times 5$