

## Total Protein Kit Biuret Method

**Intended Use:** \_\_\_\_\_

Proteins are constituents of muscle, enzymes, hormones and several other key functional and structural entities in the body. They are involved in the maintenance of the normal distribution of water between blood and the tissues. Consisting mainly of albumin and globulin, the fractions vary independently and widely in diseases. Increased levels are found mainly in dehydration. Decreased levels are found in malnutrition, impaired synthesis, protein losses as in hemorrhage or excessive protein catabolism. Total protein kit uses biuret method to determine total proteins in serum & plasma.

**Total Protein Kit components:**

<b>L1</b>	Biuret Reagent
<b>S</b>	Protein Standard (8 g/dl)
<b>Other Accessories</b>	Package Insert

### System Parameters

<b>Reaction</b>	: End Point	<b>Interval</b>	: ---
<b>Wavelength</b>	: 550 nm	<b>Sample Vol.</b>	: 0.02 ml
<b>Zero Setting</b>	: Reagent Blank	<b>Reagent Vol .</b>	: 1.00 ml
<b>Incub. Temp</b>	: 37° C / R. T.	<b>Standard</b>	: 8 g/dl
<b>Incub. Time</b>	: 10 min. / 30 min.	<b>Factor</b>	: ---
<b>Delay Time</b>	: ---	<b>React. Slope</b>	: Increasing
<b>Read Time</b>	: ---	<b>Linearity</b>	: 15 g/dl
<b>No. of read.</b>	: ---	<b>Units</b>	: g/dl

Storage / Stability	Temperature	Duration
Reagent (Opened/Unopened)	15-30°C	24 Months
Standard (Opened/Unopened)	15-30°C	24 Months

Available Pack Sizes	
150 ml	2 X 150 ml