

## Chloride Kit Thiocyanate Method

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

Chloride is a major extracellular anion and maintains the cation / anion balance between intra and extra cellular fluids, mostly as a salt with sodium. Increased levels are usually found in dehydration, kidney dysfunction and anemia. Decreased levels are usually found in extensive burns, vomiting diarrhea, intestinal obstruction & salt losing nephritis. Chloride kit uses the Thiocyanate method to determine chloride in serum.

### Chloride Kit components:

<b>L1</b>	Chloride Reagent
<b>S</b>	Chloride Standard (100 mmol/l)
<b>Other Accessories</b>	Package Insert

### System Parameters

<b>Reaction</b>	: End Point	<b>Interval</b>	: ---
<b>Wavelength</b>	: 505 nm	<b>Sample Vol.</b>	: 0.01 ml
<b>Zero Setting</b>	: Reagent Blank	<b>Reagent Vol .</b>	: 1.00 ml
<b>Incub. Temp</b>	: R.T.	<b>Standard</b>	: 100 mmol/l
<b>Incub. Time</b>	: 2 min.	<b>Factor</b>	: ---
<b>Delay Time</b>	: ---	<b>React. Slope</b>	: Increasing
<b>Read Time</b>	: ---	<b>Linearity</b>	: 70 - 140 mmol/l
<b>No. of read.</b>	: ---	<b>Units</b>	: mmol/l

Storage / Stability	Temperature	Duration
Unopened kit	15-30°C (R.T.)	24 Months
Opened Kit (Unmixed)	15-30°C (R.T.)	24 Months

Available Pack Sizes	
1 X 75 ml	3 X 75 ml