

Catalyst Lyte 4 CLIP

Quick Reference Guide

Storage and handling requirements

- + Store in the freezer (do not store in the freezer door).
- + No warming required—run directly from the freezer.
- + Catalyst™ Lyte 4 CLIPs can be stored at room temperature for up to 8 hours. After 8 hours, Lyte 4 CLIPs can be returned to the freezer up to 5 times, as long as the foil pouch is unopened.
- + Sample volume required:
 - Whole blood: 0.7 cc (700 µL)
 - Serum/plasma: 100 µL (65 µL minimum; 300 µL if running with other slides)

Electrolytes made simple—load and go

Catalyst One™



Load CLIP here

Catalyst Dx™



Load CLIP here

Frequently Asked Questions

Question	Answer										
What types of slides does the Lyte 4 CLIP contain?	The Lyte 4 CLIP contains three slides: sodium (Na), potassium (K), and chloride (Cl).										
What results are reported after running a Lyte 4 CLIP on the Catalyst analyzer?	You will receive results for each of the slides (Na, K, Cl) as well as a ratio of sodium to potassium (Na/K) in the peripheral blood.										
Can the Lyte 4 CLIP be run with other slides?	Yes! The Lyte 4 CLIP can be run alone or with other slides as part of a comprehensive patient profile. For example, you could run a Catalyst™ Lyte 4 CLIP, any other Catalyst chemistry CLIP, and a total T ₄ test with one patient sample.										
When running with other slides, should the Lyte 4 CLIP be loaded in a particular order?	Always load the Lyte 4 CLIP before loading any other CLIPs or slides.										
What is the run time for the Lyte 4 CLIP?	Lyte 4 CLIP results are available ~9 minutes after the start of the run.										
Which species have been validated for the Lyte 4 CLIP and what are the numerical results?	<table border="1"> <thead> <tr> <th>Species</th> <th>Parameter</th> <th>U.S./S.I./French S.I. Units</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Canine, feline, equine, bovine</td> <td>Sodium (Na)</td> <td>85–180 mmol/L</td> </tr> <tr> <td>Potassium (K)</td> <td>0.8–10.0 mmol/L</td> </tr> <tr> <td>Chloride (Cl)</td> <td>50–160 mmol/L</td> </tr> </tbody> </table>	Species	Parameter	U.S./S.I./French S.I. Units	Canine, feline, equine, bovine	Sodium (Na)	85–180 mmol/L	Potassium (K)	0.8–10.0 mmol/L	Chloride (Cl)	50–160 mmol/L
Species	Parameter	U.S./S.I./French S.I. Units									
Canine, feline, equine, bovine	Sodium (Na)	85–180 mmol/L									
	Potassium (K)	0.8–10.0 mmol/L									
	Chloride (Cl)	50–160 mmol/L									
Is it OK to dilute the sample I'm using with the Lyte 4 CLIP?	IDEXX does not recommend diluting electrolytes.										
Should I run quality control for electrolytes?	Yes, the quality control procedure for electrolytes is identical to regular quality control. IDEXX recommends that you run quality control monthly after cleaning the internal components of the analyzer.										