

# Catalyst Lyte 4 CLIP

## Quick Reference Guide

### Storage and handling requirements

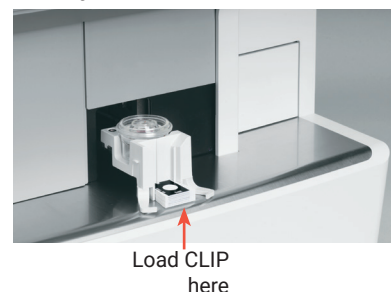
- + Store in the freezer (do not store in the freezer door).
- + No warming required—run directly from the freezer.
- + Catalyst™ Lyte 4 CLIPs can be stored at room temperature for up to 8 hours. After 8 hours, Lyte 4 CLIPs can be returned to the freezer up to 5 times, as long as the foil pouch is unopened.
- + 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™



Catalyst Dx™



### 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 <sub>4</sub> 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? | <b>Species</b>                                                                                                                                                                                                                                         | <b>Parameter</b> | <b>U.S./S.I./French S.I. Units</b> |
|                                                                                           | Canine, feline, equine                                                                                                                                                                                                                                 | 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.                                             |                  |                                    |