

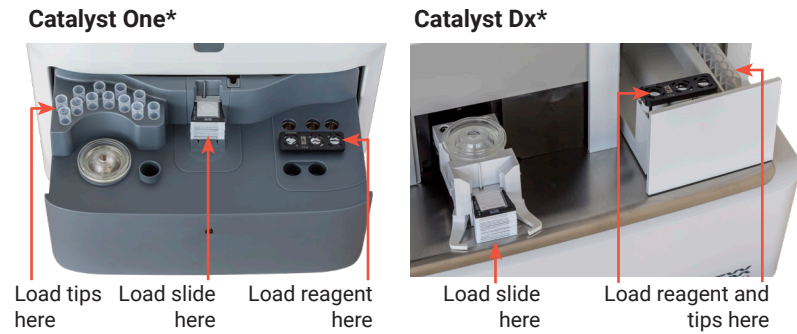
# Catalyst\* Total T<sub>4</sub>

## Quick Reference Guide

### Storage and handling requirements

- + Store in the refrigerator. Do not freeze.
- + No warming required—run directly from the refrigerator.
- + Total T<sub>4</sub> (TT<sub>4</sub>) slides and reagent can be stored in their pouch at room temperature for up to 8 hours. After 8 hours, store any unused materials in the refrigerator.
- + Recommended sample volume:
  - Whole blood: 600–800 µL
  - Serum/plasma: 100 µL (65 µL minimum; 300 µL if running with other slides)

### Total T<sub>4</sub> made simple—load and go



### Frequently asked questions

| Question                                                                                                    | Answer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                        |            |                        |        |                |                  |        |                |                  |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------|------------------------|--------|----------------|------------------|--------|----------------|------------------|
| Is the Catalyst* Total T <sub>4</sub> Test just a slide?                                                    | No, the Catalyst* Total T <sub>4</sub> Test contains a single slide and a reagent (conjugate, wash, and substrate). Both components must be run together for each sample run and then discarded.                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |            |                        |        |                |                  |        |                |                  |
| What sample types can be run on the total T <sub>4</sub> test?                                              | Compatible sample types include serum, lithium heparin plasma, and whole blood using the Catalyst* Lithium Heparin Whole Blood Separator.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |            |                        |        |                |                  |        |                |                  |
| Which species have been validated for the total T <sub>4</sub> test?                                        | Canine and feline species are supported with total T <sub>4</sub> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |            |                        |        |                |                  |        |                |                  |
| Can the total T <sub>4</sub> test be run with other slides?                                                 | Yes! The total T <sub>4</sub> test 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, a Catalyst* Chem 17 CLIP, SDMA, and a total T <sub>4</sub> test with one patient sample.                                                                                                                                                                                                                                                                                                                                                             |                        |            |                        |        |                |                  |        |                |                  |
| When running with other slides, should the total T <sub>4</sub> test be loaded in a particular order?       | <ul style="list-style-type: none"><li>+ The TT<sub>4</sub> slide can be run in any order after electrolytes.</li><li>+ When running TT<sub>4</sub> with electrolyte slides, <b>always</b> load the electrolyte slides first.</li><li>+ For the <b>quickest</b> time to results for total T<sub>4</sub>, the recommended load order is Lyte 4 CLIP on the bottom, followed by a chemistry CLIP (e.g., Chem 17, Chem 10, etc.), SDMA, any additional slides, and TT<sub>4</sub> on top.</li><li>+ Be sure to load the drawer with pipette tips before every run. (The maximum number of slides per run is 25 slides.)</li></ul> |                        |            |                        |        |                |                  |        |                |                  |
| At what range will the total T <sub>4</sub> test report a numerical result?                                 | <table><tr><th>Species</th><th>U.S. Units</th><th>S.I./French S.I. Units</th></tr><tr><td>Canine</td><td>0.5–10.0 µg/dL</td><td>6.4–128.7 nmol/L</td></tr><tr><td>Feline</td><td>0.5–20.0 µg/dL</td><td>6.4–257.4 nmol/L</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                    | Species                | U.S. Units | S.I./French S.I. Units | Canine | 0.5–10.0 µg/dL | 6.4–128.7 nmol/L | Feline | 0.5–20.0 µg/dL | 6.4–257.4 nmol/L |
| Species                                                                                                     | U.S. Units                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S.I./French S.I. Units |            |                        |        |                |                  |        |                |                  |
| Canine                                                                                                      | 0.5–10.0 µg/dL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6.4–128.7 nmol/L       |            |                        |        |                |                  |        |                |                  |
| Feline                                                                                                      | 0.5–20.0 µg/dL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6.4–257.4 nmol/L       |            |                        |        |                |                  |        |                |                  |
| What is the run time for the total T <sub>4</sub> test?                                                     | Total T <sub>4</sub> test results are available in approximately 15 minutes after the start of the run.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |            |                        |        |                |                  |        |                |                  |
| Is it okay to dilute samples that are undergoing total T <sub>4</sub> testing?                              | IDEXX does not support the use of diluted samples when running the Catalyst Total T <sub>4</sub> Test.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                        |            |                        |        |                |                  |        |                |                  |
| How often can total T <sub>4</sub> tests be left at room temperature and then returned to the refrigerator? | Once at room temperature, total T <sub>4</sub> tests can be returned to the refrigerator up to 5 times as long as the foil pouch is unopened.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |            |                        |        |                |                  |        |                |                  |
| What if a total T <sub>4</sub> test is accidentally frozen?                                                 | Any tests suspected of being frozen up to 8 hours should be allowed to thaw at room temperature for at least 30 minutes before use. Tests frozen for more than 8 hours, or multiple times, should be discarded.                                                                                                                                                                                                                                                                                                                                                                                                               |                        |            |                        |        |                |                  |        |                |                  |