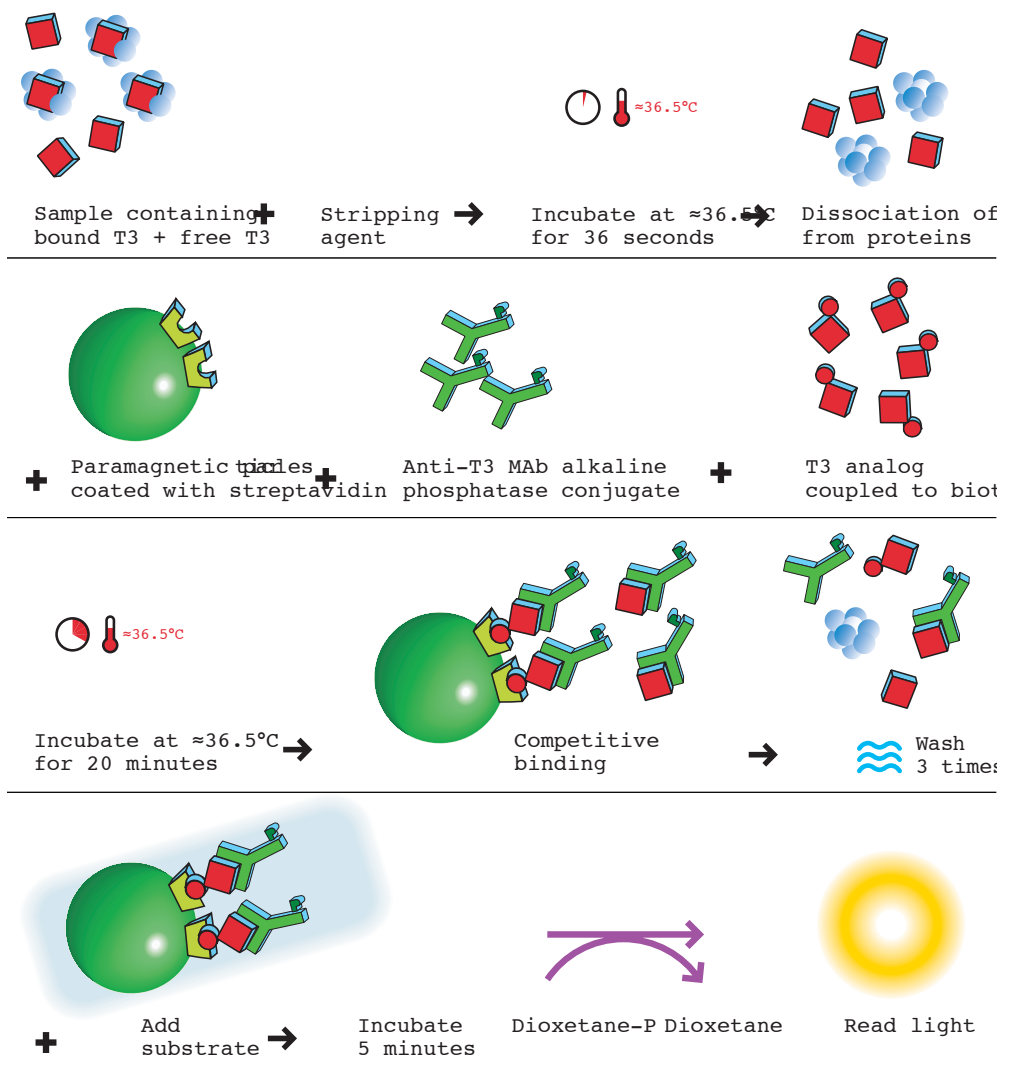


# Total T3

- Access® chemiluminescent technology delivers highly specific and sensitive performance
- Analytical Sensitivity: 0.1 ng/mL (0.2nmol/L)
- Precision: <10% CV
- Time to first result: 35 minutes
- Calibration stability: 14 days

1 step competitive binding technique



Signal produced is inversely proportional to the total T3 concentration in the sample.



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# Total T3

## Specific Performance Characteristics

### Methods Comparison

A comparison of 153 serum values using the Access Total T3 assay on the Access Immunoassay system and a commercially available enzyme immunoassay kit gives the following statistical data using Deming calculations:\*

| n   | Range of Observations                     | Intercept                    | Slope | Correlation Coefficient (r) |
|-----|---|------------------------------|-------|-----------------------------|
| 153 | 0.36 - 6.08 ng/mL<br>(0.55 - 9.34 nmol/L) | 0.077 ng/mL<br>(0.12 nmol/L) | 1.020 | 0.978                       |

\*Cornbleet, Joanne P, Gochman, N. Incorrect least-squares regression coefficients in method-comparison analysis. Clinical chemistry, 1979; 25(3): 432-438.

## Characteristics

|                        |   |
|------------------------|---|
| Sample Type/Size       | Serum or heparin plasma/55 µL   |
| Time to First Result   | 35 minutes  |
| Analytical Sensitivity | 0.1 ng/mL (0.2 nmol/L)  |
| Calibrator Levels      | 0, 0.5, 1.0, 2.0, 4.0 and 8.0 ng/mL (0, 0.8, 1.5, 3.1, 6.1 and 12.3 nmol/L) |
| Expected Values        | 0.87 - 1.78 ng/mL (1.34 - 2.73 nmol/L)                                      |
| Open Pack Stability    | 28 days   |
| Calibration Stability  | 14 days   |
| Precision              | < 10% CV  |

## Ordering Information

|   |       |
|---|-------|
| Access® Total T3 - 2 packs of 50 tests/pack           | 33830 |
| Access® Total T3 Calibrators - 6 vials of 4.0 mL/vial | 33835 |



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