

**NEW!** Clinitox Total Thyroxine ( T4) Assay



**Clinitox T4 Assay** is a homogeneous enzyme immunoassay intended for the quantitative determination of total thyroxine in serum or plasma on an automated clinical chemistry analyzer. The assay offers very good sensitivity in the low end.

- √ Convenient.
- √ Liquid-stable.
- √ Ready-to-use.
- √ Simple to set-up.
- √ Applications available for most analysers.

**Ordering Information**

**Clinitox Total Thyroxine Assay Kit\***

(1 x 100 mL, 1 x 50 mL)  
Set of calibrators

Catalog# 6000-100

**Clinitox Total Thyroxine Calibrator Set**

2.0 µg/dL, 4.0 µg/dL, 8.0 µg/dL, 12.0 µg/dL, 20.0 µg/dL

Catalog# 6000-001

\*For veterinary use only.

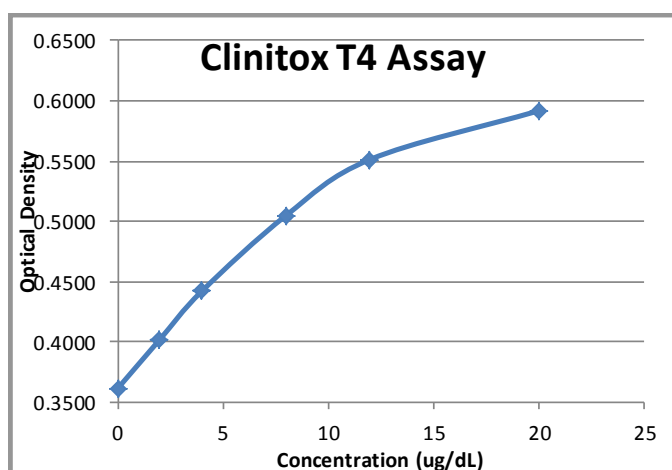
Clinitox is focused on providing innovative solutions for diagnostic testing to advance animal health and reproduction. Our dedicated team has over 50 years of combined experience in the areas of rapid clinical diagnostic solutions, assay development and manufacturing. Together with our partners, we are building a portfolio of products that offer unique advantages and benefits focused on niche segments of the diagnostic testing market.

For more information or to order, please contact: [customerservice@clinitoxdiagnostix.com](mailto:customerservice@clinitoxdiagnostix.com)



## Clinitox Total Thyroxine ( T<sub>4</sub> ) Assay

### CALIBRATION DATA



CONC	OD
0	0.3611
2	0.4017
4	0.4419
8	0.5047
12	0.5513
20	0.5916

### PRECISION

Precision data was obtained using 5 levels of protein based controls. Controls were assayed 10 times for with-run studies and 4 times per day for 5 consecutive days for between-days studies on an Olympus AU 600 analyzer. The following results were observed:

Control	Mean ± SD ( µg/dl)	% CV	Mean ± SD ( µg/dl)	% CV
1	1.0 ± 0.08	8.09	1.1 ± 0.15	14.36
2	6.4 ± 0.14	2.20	6.4 ± 0.31	4.8
3	9.0 ± 0.27	3.00	9.0 ± 0.48	5.0
4	12.8 ± 0.49	3.83	12.8 ± 1.35	9.2
5	17.1 ± 1.11	6.47	17.8 ± 1.60	8.5

### INTERFERENCE

Interference studies were performed on the AU 600 chemistry analyzer. The following substances have no significant effect on the accuracy of this T<sub>4</sub> assay at the concentrations stated:

Hemoglobin	≤ 200mg/dL
Triglycerides	≤ 1000mg/dL
Bilirubin	≤ 2.2mg/dL

Sensitivity: 0.43 ng/mL

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