

PDL UPDATE: Reference Range Change



THYROID Pediatric Ranges

April 15, 2021

WHAT HAS CHANGED:

Effective April 13, 2021, Pacific Diagnostic Laboratories (PDL) has expanded the reference ranges for the following tests to include pediatric ranges: **Free Thyroxine (FT4)**, **Free Triiodothyronine (FT3)**, **Thyroxine, Total (T4)** and **Triiodothyronine, Total (T3)**.

TEST NAME	AGE RANGE	CHANGE	REFERENCE RANGE
Free Thyroxine (FT4) LAB127	1 – 23 Months		0.94-1.44 ng/dL
	2 – 12 Years	NEW	0.86 – 1.40 ng/dL
	13-20 Years		0.83-1.43 ng/dL
	>21 Years		0.8-1.8 ng/dL
Free Triiodothyronine (FT3) LAB137	0-2 Years	NEW	3.30-5.20 pg/mL
	2 - 12 Years	NEW	3.3 – 4.8 pg/mL
	12 - 20 Years	NEW	3.0 – 4.7 pg/mL
	>20 Years		2.20-4.00 pg/mL
Thyroxine, Total (T4) LAB126	0-2 Years	NEW	6.0-13.2 ug/dL
	2 – 12 Years	NEW	5.5 – 12.1 ug/dL
	12 – 20 Years	NEW	5.5 – 11.1 ug/dL
	>20 Years		4.7-13.3 ug/dL
Triiodothyronine, Total (T3) LAB136	0 – 2 Years	NEW	117 – 239 ng/dL
	2 – 12 Years	NEW	105 – 207 ng/dL
	12 – 20 Years	NEW	86 – 192 ng/dL
	>20 Years		60-181 ng/dL

REASON FOR THE CHANGE:

Reference range evaluations are a key component of the PDL Quality Assurance Program and performed on a regular basis. Reference range changes are determined with consideration of the test method in use, the patient population mean, and literature review.

FOR MORE INFORMATION PLEASE CONTACT PDL CLIENT SERVICES AT 805-879-8100

Stewart W. Comer, MD MA FCAP

Medical Director Pacific Diagnostic Laboratories