

# CENTRA CARE Laboratory Services

## MEMO

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**TO:** CCLS Clients

**FROM:** CentraCare Laboratory Services

**DATE:** 10/30/2024

**SUBJECT:** Total IgE Reference Range Change

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CCLS will be adopting a new Total IgE reference range based on age. Below you will find both the current and new reference ranges, effective 10/30/2024.

### Current Reference Values

Normal: <25 kU/L  
Equivocal: 25-100 kU/L  
Elevated: >100.0 kU/L

### New Reference Values

<u>Age</u>	<u>Reference Intervals</u>
0-5 months	≤ 13 kU/L
6-11 months	≤ 34 kU/L
1 and 2 years	≤ 97 kU/L
3 years	≤ 199 kU/L
4-6 years	≤ 307 kU/L
7 and 8 years	≤ 403 kU/L
9-12 years	≤ 696 kU/L
13-15 years	≤ 629 kU/L
16 and 17 years	≤ 537 kU/L
18 years and older	≤ 214 kU/L

Please contact Jerome Schlabsz, Chemistry Specialist at ext: 57325 with any questions.

### CLINICAL REFERENCE

1. Homburger HA: Allergic diseases. In: Clinical Diagnosis and Management by Laboratory Methods. 21st ed. WB Saunders Company. 2007;961-971
2. Martins TB, Bandhauer ME, Bunker AM, Roberts WL, Hill HR: New childhood and adult reference intervals for total IgE. J Allergy Clin Immunol. 2014 Feb;133(2):589-591
3. Bernstein IL, Li JT, Bernstein DI, et al: Allergy diagnostic testing: An updated practice parameter. Ann Allergy Asthma Immunol. 2008 Mar;100(3 Suppl 3):S1-148
4. Ansotegui IJ, Melioli G, Canonica GW, et al: IgE allergy diagnostics and other relevant tests in allergy, a World Allergy Organization position paper. World Allergy Organ J. 2020 Feb;13(2):100080. doi: 10.1016/j.waojou.2019.100080