

**Updated Reference Ranges for Total IgE Testing**

The DMCUL is implementing updated reference ranges for total IgE tests, effective [02/04/2025]. These revisions aim to enhance accuracy in test results, improve patient monitoring and care and ensure alignment with current clinical guidelines.

Total IgE diagnose and monitor allergies such as atopic dermatitis, asthma, or allergic rhinitis.

**Revised Reference Ranges:**

Test names	Old Reference Range (IU/mL)					New Reference Range (IU/mL)	
	Age	Gender	Reference Range (SUNQUEST)	Reference Range (ANTRIM)		Age Range	(IU/mL)
Total IgE	0	All	1-13	0	–	≤6 Weeks	2-9
	6M	All	1-20	6M	1-13	7 Weeks-6M	2-17
	1yr	All	1-23	1yr	1-20	7-9M	2-30
	18M	All	1-25	18M	1-23	10-12M	2-39
	2yr	All	1-45	2yr	1-25	>1-2yr	2-53
	3yr	All	1-47	3yr	1-45	>2-3yr	2-93
	4yr	All	1-87	4yr	1-47	>3-4yr	2-128
	5yr	All	1-145	5yr	1-87	>4-5yr	2-160
	7yr	All	1-240	7yr	1-145	>5-6 yr	2-192
	9yr	All	5-220	9yr	1-240	>6-7yr	2-224
	15yr	All	25-415	15yr	5-240	>7-8yr	2-248
			N/A	150yr	25-415	>8-9yr	2-280
						>9-10yr	2-304
						>10-18yr	2-328
						>18yr	2-114

**Test Names and Codes:**

**Sunquest Test Code: IGE**

**Cerner Test Name: Immunoglobulin E**

**Antrim Unit Code: 35527**

**REFERENCES:**

- Bernstein, D. I., et al. (2019). Allergy diagnostic testing: An updated practice parameter. *Annals of Allergy, Asthma & Immunology*, 122(3), 239-247.
- Sicherer, S. H., & Leung, D. Y. (2018). Advances in allergic skin disease, anaphylaxis, and hypersensitivity reactions to foods, drugs, and insects in 2017. *Journal of Allergy and Clinical Immunology*, 141(3), 656-665
- Simons, F. E., & Ebisawa, M. (2016). Anaphylaxis. *Journal of Allergy and Clinical Immunology: In Practice*, 4(5), 871-881.

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