



GIG  
CYMRU  
NHS  
WALES

Bwrdd Iechyd Prifysgol  
Aneurin Bevan  
University Health Board

Freedom of Information Request

FOI 22-490

21<sup>st</sup> October 2022

**I hope (if you have the time, you might be able to answer a few short questions?)**

**1. Does your trust / laboratory provide analysis of immunoglobulin E (total IgE) ?**

Yes. The Health Board provides analysis of Total IgE.

**2. If so, what instrument do you perform the analysis on?**

The Health Board uses the Phadia 200 manufactured by Thermo Scientific.

**3. What do you report as adult ref.ranges? (are they 95% or 97% percentiles, and if possible to state, what is the source of the utilized ref.values? )**

The Health Board report adult reference ranges (>14 years of age) as 0 – 81 kU/L. This is at the 95% percentile.

All total IgE references ranges are standardized across Wales by the Immunology Standardisation Group.

**4. What do you report as paediatric ref.ranges? (are they 95% or 97% percentiles, and if possible to state, what is the source of the utilized ref.values? )**

Paediatric reference ranges are:

1 day – 364 days = 0 – 29 kU/L

1 year – 2 years 364 days = 0 – 43 kU/L

3 years – 4 years 364 days = 0 – 52 kU/L

5 years – 6 years 364 days = 0- 56 kU/L

7 years – 11 years 364 days = 0 – 63 kU/L

12 years – 13 years 364 days = 0 – 70 kU/L

These are at the 95% percentile. All total IgE references ranges are standardized across Wales by the Immunology Standardisation Group.