

Freedom of Information Request	FOI 21-246-01	16 th August 2021
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I was surprised to discover that the cycle threshold being used is averaging 45 cycles.

In doing my own research, I myself have discovered that anything tested over 35 cycles is extremely unreliable. (See attached)

The Health Board/Welsh Lab reporting criteria for COVID 19 detection is as follows:

- Single gene only with a Ct > 40 will be reported as 'Not detected'
- Two targets both with Ct > 40 will be reported as 'indeterminate' and a repeat sample requested
- Any target with a Ct < 35 will be reported as 'Detected'.