

NZVP QA Programme Report Breakdown

Analyte name and units of measurement.

The report will have two analytes per page. The sample identifier appears in the header of the report.

Your standard deviation compared to your analyser group.

The chart shows the standard deviation history of the analyte, this shows any trends present and helps identify problems. Your standard deviation index should be between -2 and 2 to be confident in your in-house analyser results.

These graphs give you an overview of how your result compares with NZVP and other clinics using the same analyser with a quick glance.

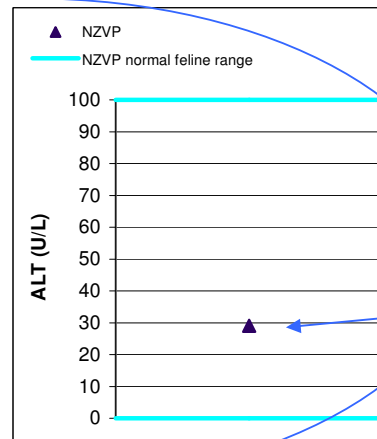
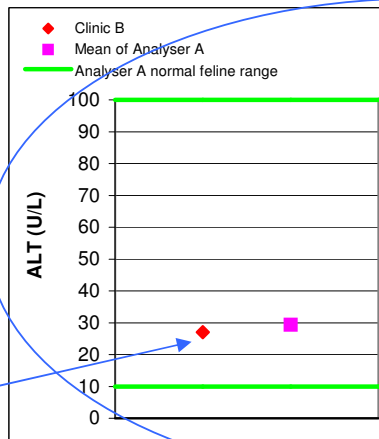
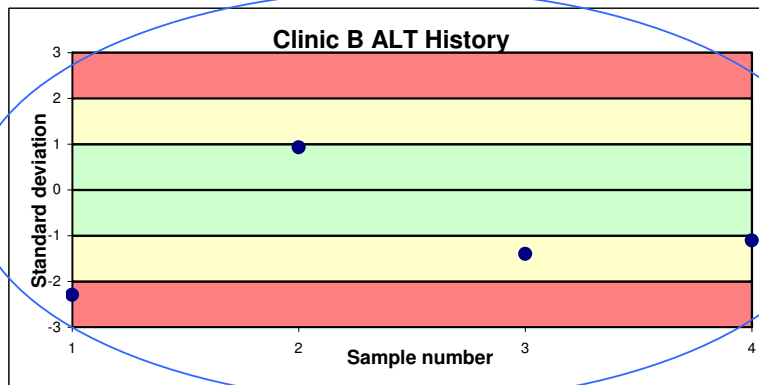
The normal animal reference ranges of both your analyser and NZVP are shown on each graph.

ALT (U/L)

Your result	27.0	
Mean of all results	29.3	Results excluded: 5
- Standard deviation	1.34	
- %CV	4.56	
Mean of Analyser A results	29.3	Results excluded: 1
- Standard deviation	2.08	
- %CV	7.10	
Your standard deviation index	-1.11	
NZVP result	29.0	

The mean, standard deviation and %CV of all analyser results and number of outlier results that were excluded.

The mean, standard deviation and %CV of your analyser group and the number of outlier results from your analyser group that were excluded.



Statistics used

%CV: Coefficient of Variation, is the ratio of the standard deviation to the mean. It can be used to compare the variation of one set of data to another. The greater the %CV the greater the variation in the data.

Mean: The average of the data.

Standard deviation: A measure of the spread of a set of data from its mean. The more spread apart the data is, the higher the standard deviation. 95% of the data will fall between 2x the standard deviation of the data set.

Standard deviation index: The number of standard deviations from the mean that your result is.

If you have any queries about your QA results contact your analyser supplier or NZVP

