DATA LOGGER

Elitech RC-5: Quick User Guide

To download and save data:

Step 1		Collect logger from the fridge and push **PAUSE button** on logger
Step 2		Connect logger to computer via USB
Step 3		Open program – Double click: **ElitechLog** icon
Step 4		Click: **Download** button
Step 5		Click: **Graph** button
Step 6		Click: **Export Report** button
Step 7		Select **PDF** option to save
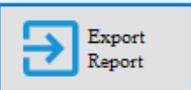
To clear data and re-start logger for next use:

|		
Step 1		Click: **Parameter**
Step 2		Click: **Save Parameter**
Step 3		Press and hold **PLAY** button on logger until a small arrow appears on the display screen
Step 4		Immediately return logger to the vaccine fridge
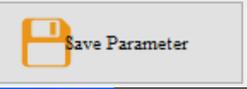
Elitech: Analyse data from PDF file

The SUMMARY:

Note the "Alarm Status":
- "Normal" indicates that all temperatures were within 2°C – 8°C range
- "Alarm" indicates that temperatures were outside 2°C – 8°C range

The GRAPH:
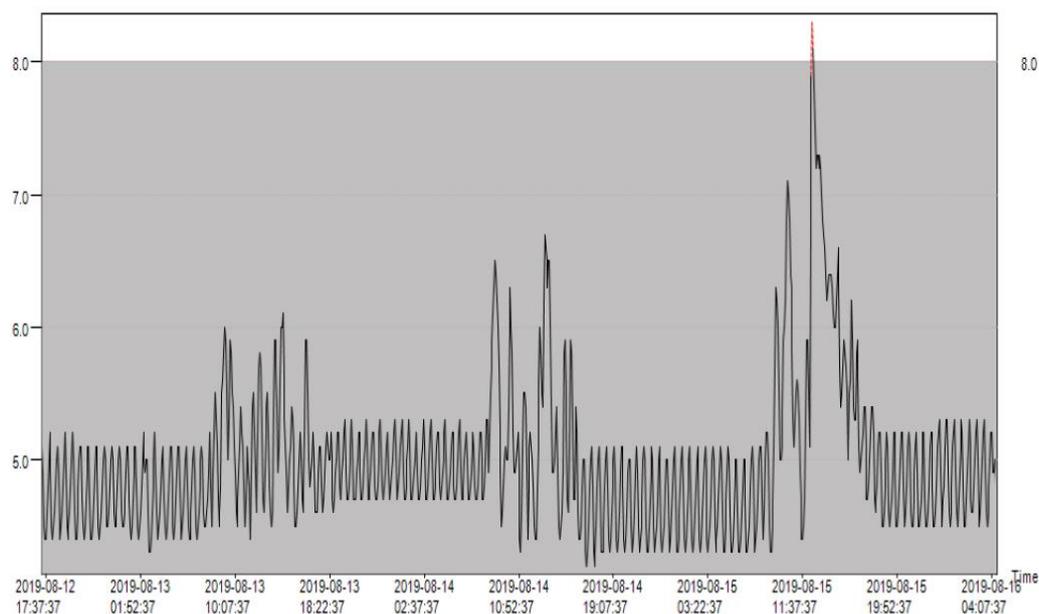
The graph will be black where temperatures are within range. If temperatures go above 8°C, this will appear red on the graph, and temperatures below 2°C will appear blue on the graph.

All temperatures above 8°C and below 2°C require investigation:
- Any temperature **below 2°C** is unacceptable → contact PHU to report cold chain breach
- Temperatures between **8°C – 12°C** → check **duration** (see next section)
- Any temperature **above 12°C** is unacceptable → contact PHU to report cold chain breach

The DATA:

Time	°C	%	Time	°C	%	Time	°C	%	Time	°C	%	Time	°C	%	Time	°C	%
19:17:37	4.9		03:37:37	4.7		11:57:37	5.9		20:17:37	5.2							
19:22:37	4.4		03:42:37	5.0		12:02:37	5.9		20:22:37	4.8							
19:27:37	4.3		03:47:37	5.1		12:07:37	5.5		20:27:37	4.5							
19:32:37	4.4		03:52:37	5.0		12:12:37	5.1		20:32:37	4.5							
19:37:37	4.6		03:57:37	4.5		12:17:37	6.8		20:37:37	4.6							
19:42:37	4.9		04:02:37	4.3		12:22:37	7.9		20:42:37	4.8							
19:47:37	5.1		04:07:37	4.4		12:27:37	8.3		20:47:37	5.1							
19:52:37	5.1		04:12:37	4.5		12:32:37	8.1		20:52:37	5.2							
19:57:37	4.8		04:17:37	4.7		12:37:37	7.8		20:57:37	5.1							
20:02:37	4.4		04:22:37	4.9		12:42:37	7.5		21:02:37	4.6							
20:07:37	4.3		04:27:37	5.1		12:47:37	7.2		21:07:37	4.5							
20:12:37	4.4		04:32:37	5.0		12:52:37	7.3		21:12:37	4.5							
20:17:37	4.6		04:37:37	4.6		12:57:37	7.3		21:17:37	4.7							
20:22:37	4.9		04:42:37	4.3		13:02:37	7.2		21:22:37	4.9							
20:27:37	5.0		04:47:37	4.3		13:07:37	7.3		21:27:37	5.1							
20:32:37	5.0		04:52:37	4.5		13:12:37	7.2		21:32:37	5.2							
20:37:37	4.5		04:57:37	4.7		13:17:37	7.0		21:37:37	4.9							
20:42:37	4.3		05:02:37	4.9		13:22:37	6.8		21:42:37	4.5							
20:47:37	4.3		05:07:37	5.1		13:27:37	6.7		21:47:37	4.5							
20:52:37	4.4		05:12:37	5.0		13:32:37	6.6		21:52:37	4.6							
20:57:37	4.6		05:17:37	4.6		13:37:37	6.4		21:57:37	4.7							
21:02:37	4.9		05:22:37	4.3		13:42:37	6.2		22:02:37	5.0							
21:07:37	5.1		05:27:37	4.3		13:47:37	6.3		22:07:37	5.2							
21:12:37	4.9		05:32:37	4.4		13:52:37	6.4		22:12:37	5.2							
21:17:37	4.5		05:37:37	4.6		13:57:37	6.4		22:17:37	4.7							
21:22:37	4.3		05:42:37	4.9		14:02:37	6.4		22:22:37	4.5							
21:27:37	4.4		05:47:37	5.0		14:07:37	6.4		22:27:37	4.5							

The data will be black where temperatures are within range. If temperatures go above 8°C, this will appear in red font, and temperatures below 2°C will appear in blue font.

This data can be used to check the **duration** that the temperatures were out of range:

- Temperatures **below 2°C** *for any duration* is unacceptable → contact PHU to report cold chain breach
- Temperatures **between 8–12°C** for *less than 15 minutes* are acceptable.
- Temperatures **between 8–12°C** for *more than 15 minutes* is unacceptable → contact PHU to report cold chain breach
- Temperatures **above 12°C** *for any duration* is unacceptable → contact PHU to report cold chain breach