



With the UK vaccine rollout in full swing, it is still absolutely critical that your precious vaccines, blood, and other pharmaceutical goods retain their potency and purity. Are you confident your storage arrangements are doing the job?

Best Practice Key Points

- Always use a dedicated fridge or freezer to store vaccines and diluents
- Make sure the power source is clearly marked 'DO NOT UNPLUG'
- Blood must not be out of the designated temperature-controlled storage areas for more than 30 minutes
- As far as possible, allow space for air to circulate between vaccines and pharmaceutical goods containers – the fridge should be no more than 50% full
- Fresh frozen plasma must be stored in approved freezers at less than -30°C



Did you know? Units of blood become unsafe to use on patients if they have been left out of the fridge for over 30 minutes.

Fridge/Freezer Condition Monitoring

Many fridges and freezers have their own built-in temperature logging, but in case the power supply is interrupted, the NHS Green Book recommends that a separate data logging system is used.

- Temperature records should be taken at least twice a day
- Record current, maximum, and minimum temperatures
- An independent logging system should be used
- Keep all temperature records on file for at least one year



Did you know? Wireless condition monitoring of refrigerated blood, vaccines, and pharmaceuticals will dramatically reduce the risk of human error and frees up valuable time for hospital support staff.



Managing Temperature Excursions

If your refrigerator fails, you need to act quickly and carefully. Bear in mind the following points:

- Keep the fridge or freezer door closed until an assessment has been made and an action plan is formed
- Inform the relevant provider or immunisation coordinator
- Ensure all affected blood units or vaccines are quarantined but keep them within the cold chain
- Identify and fix the cause of the fault
- Record all details of the incident



Did you know? Wireless EasyLog data loggers will continue to store data internally even if it loses WiFi connection – all recorded data is automatically uploaded to the Cloud once it is reconnected.



Maintaining Your Equipment

Ensuring the continuity of the pharmaceutical cold chain requires ongoing effort. This includes keeping all storage and monitoring equipment in good working order.

- Do not allow ice to build up in fridges or freezers
 - Keep all storage equipment clean
 - Service and calibrate your fridge every year
- Independent data logging equipment should also be calibrated annually



EasyLog Data Loggers

Medical condition monitoring is something we do best. Our range of wireless loggers makes it easier than ever to keep an eye on the conditions of your fridges, freezers, and other medical storage areas.



Did you know? Lascar's data loggers can be supplied with a calibration certificate. EasyLog also provides an annual recalibration service.



To order your loggers call us on **01794 884 567** or visit lascarelectronics.com. Please also call us for technical help or to learn more about our other monitoring products.