

1. Set up and use of the LT-4000 Microplate Reader:

1. Plug the LT-4000 plate reader into the surge protector which connects to the mains electricity
2. Connect the LT-4000 plate reader to the RS232 port (9 pin port) on the left hand side of the Dell E5500 laptop with the RS232 cable supplied.
3. The Manta software should be installed onto the laptop from the CD (as shown in the LT-4000 Instruction Manual). Do **not** insert dongle until the software has been loaded.
4. Run the programme and register the plate reader. Go to the website to check for programme updates.
5. Insert the dongle into the USB port of the laptop. This is a 'Licence Dongle' and needs to be inserted into the laptop when running Manta. **Keep the dongle in a safe place.**

IF THE DONGLE IS NOT INSERTED, THE SOFTWARE WILL NOT OPEN

6. If the instrument is unplugged, or the dongle removed, there is no need to reinstall the software when the instrument is re-connected or the dongle re-inserted.



2. Protocols for the Microplate Reader:

Some examples of protocols are provided on the LT-4000 CD. A basic enzyme-linked immunosorbent assay protocol is provided on www.kirkhoustrust.org click on 'Protocols'.