

## Roche LightCycler (Tabletop)

The LightCycler® 480 System is a proven high-performance, medium-to high-throughput PCR platform that provides various methods for gene detection, gene expression analysis, genetic variation analysis, and array data validation. Benefit from cutting-edge thermal block and optical technology that leads to excellent well-to-well homogeneity and maximized detection sensitivity. Generate meaningful results via the state-of-the-art data analysis methods, in line with MIQE guidelines, and analyze true raw data without the need for passive reference dyes or normalization plates. The LightCycler® 480 System features a versatile, plate-based, real-time PCR device that supports mono- or multicolor applications. The benchtop instrument is easily customizable to meet changing user requirements, and can be integrated into everyday use as an automated high-throughput solution.

<https://diagnostics.roche.com/global/en/products/systems/lightcycler-480-system.html#productInfo>

### Location:

- School of Medicine, there are 2 of them
- Lab 224, Cormier lab

### Access Requirements:

- Training, Contact Jim Bjork (jbjork1@d.umn.edu)
- Calendar Reservation (email Annette Rod [arod@d.umn.edu](mailto:arod@d.umn.edu))

### Manual:

- [http://cheget.caltech.edu/~igor/gecweb/LC480\\_Operator's\\_Manual.pdf](http://cheget.caltech.edu/~igor/gecweb/LC480_Operator's_Manual.pdf)

