

Imaging Station and Plate Reader Core

Location: VA Medical Center 70-C-106

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[Brown Bear Calendar Website](#)

Overview

The Imaging Station-Plate Reader Core offers quantitative imaging of luminescent, fluorescent and colorimetric labeled biomolecules in a variety of assay formats including electrophoresis gels, gel blots, plates, tissues and in-vivo assays. Users must be trained prior to instrument use and software is available for remote analysis of imaging files. Use of the Imaging Station-Plate Reader Core is on a collaborative basis with utilizing online calendars for scheduling.

Technology & Resources

Imaging Stations for white light photography; Chemiluminescence detection (Western blots); UV Illumination (Ethidium Bromide gels, Fluorescent dye labels):

- ◁ Carestream Health IS4000
- ◁ Aplegen OmegaLum G

Plate Readers for reading 384, 96, 12 and 6 well formats:

- ◁ PowerWave XS: Variable wavelength UV/VIS detection
- ◁ Synergy 4: Fluorescent and Luminescent detection

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