

TYPHOON

The TYPHOON instrument is a variable-mode imager that produces digital images of radioactive, fluorescent, or chemiluminescent samples.

Typhoon scan acquisition modes

The Typhoon instrument scans samples using the following scan acquisition modes:

- **Storage phosphor mode**—Creates images from samples labeled with radioisotopes using storage phosphor technology. Part two of this guide describes how to use the Typhoon system to scan in the storage phosphor mode.
- **Fluorescence mode**—Creates images from samples labeled with fluorescent dyes. The available excitation modes are—
 - **Red-excited mode**—Creates an image from a sample labeled or stained with a fluorescent dye that is excited at 633 nm.
 - **Green-excited mode**—Creates an image from a sample labeled or stained with a fluorescent dye that is excited at 532 nm.
(Typhoon 9400 and 9410 only) **Blue-excited mode**—Creates an image from a sample labeled or stained with a fluorescent dye that is excited at either 457 nm or 488 nm. You select the desired wavelength.
 - **Multilabel-excited mode**—Creates an image from a sample labeled with up to four fluorescent dyes. The dyes can be excited by one or more of the four laser wavelengths.
- **Chemiluminescence mode**—Creates images from chemiluminescent samples.

Location LAB 2022

Person in charge: Erwann Vieu tél : 3926