

## Protocol for Cleaning the IVIS Spectrum.

Items needed:

- Sporidicin (1.56% Phenol) Disinfectant. According to the manufacturer contact time is 1 minute to kill HIV-1 (AIDS virus), with a 10-minute contact time for other organisms.
- MilliQ Water
- 70% Ethanol
- Large Kimwipes
- PPE (as required for use of the IVIS Spectrum)

**The IVIS Spectrum must be cleaned before and after each imaging session.**

To clean the IVIS Spectrum you need to do the following:

1. Squirt some Sporidicin onto a large kimwipe.
2. Open the door to the imaging chamber.
3. Using a circular motion carefully wipe the surfaces of the imaging chamber, i.e. imaging stage, side walls, door.
4. **DO NOT WIPE THE LENS OR FILTER AREA OF THE IVIS SPECTRUM.**
5. Take another kimwipe and squirt it with MilliQ water. Using a circular motion wipe off all surfaces. Do not allow water to puddle or remain on the surface.
6. Take a third kimwipe and squirt 70% ethanol on it. Using a circular motion as before wipe off all surfaces.
7. **IMPORTANT:** Make sure **all surfaces are completely dry before closing the door of the imager**, otherwise you will get condensation build up on the camera and filters.