Protocol for Cleaning the IVIS Spectrum.

Items needed:
- Sporicidin (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 Sporicidin 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.