

Questions regarding new Sony cell sorter in CFAR Core D, Batchelor 7th floor

What is the cost to use the instrument? What if I am not a CFAR member?

It will cost \$45 for the first hour, and \$20 for each additional hour.
All UM users will be charged the same. Cost will be higher for people outside UM.

Will there be a designated operator?

No. We expect users to learn how to sort their own samples. Assistance will be on hand, as needed.

How does one reserve time for the machine?

We are creating a web-based system. Details will be given to users after the training.

When will its operation begin?

It is ready to use. Investigators can use it as soon as the training is completed.

Is there a brochure detailing the lasers and filters equipped on the sorter?

Yes, the [brochure](#) is attached.

What do I need to buy?

You have to buy your monoclonal antibodies and prep the cells for sorting.

What sort of training is required?

Yes, Core D will provide training on a monthly basis. We will be having a first training session soon. Stay tuned.

Can we use this to sort human and rhesus macaque PBMC after Dengue infection?

Yes, this equipment is approved for BSL2+ sorting.

Can we use this to sort PBMC from SIV-infected rhesus macaques?

Yes.

Can cells from blood or tissues of SIV-infected monkeys be sorted on this instrument?

Yes. For cells larger than 12 microns (e.g. macrophages) we will need to use a different chip.

Other points:

- Approved users will be given access to the 7th floor and to the sorting room so that they can use it at any time. People who have not been trained will not have access to the equipment.
- All users need to have had the blood-borne pathogens training required by UM.