



FACSAria™ Info

Samples

- Samples should contain about **10⁷ particles/ml**.
- Samples should be brought in a **5 ml Falcon tube** (BD #352054).
- **Sample medium** should be PBS-based and may contain 5 % dissociation buffer (e.g. Gibco #13151-014) and not more than 0.2 % serum (FCS).
- Before measuring or sorting the cell suspension must be **filtered** through a **cell strainer cap** (blue cap, BD #352235) in order to eliminate cell-aggregates, which might lead to clogging of the machine.
- Sample medium may contain 1 µg/ml Propidium Iodide (PI) in order to assess viability. Add the PI before coming to the sorter.
- For sorting also bring a **collection vessel** (plate or tube).

Controls

- **Negative control**: no staining or no expression (e.g. GFP negative).
- **Positive control**: single staining, each fluorochrome applied alone.
- In case of overlapping fluorochrome emission spectra one **compensation control** for each dye is necessary, which must include both a positive and a negative population.

Data Storage

- Please bring a **CD** or **USB-Stick** with you for data-storage.