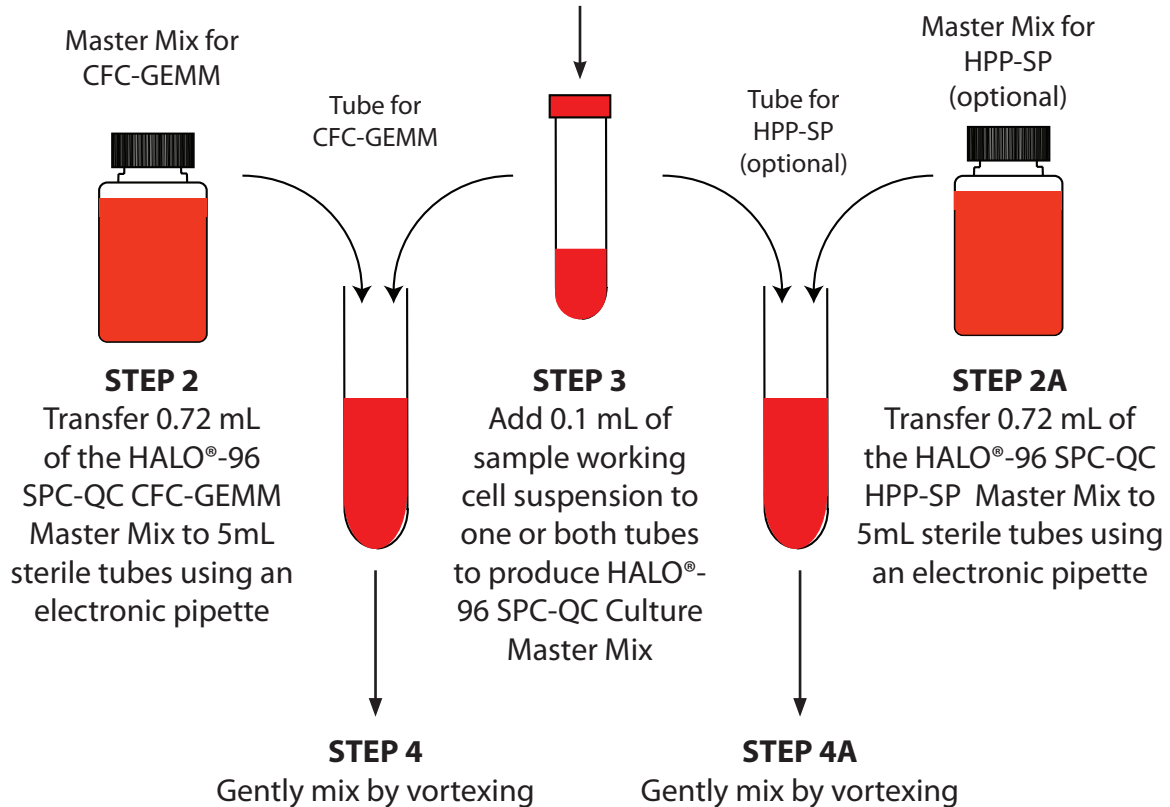


# Quick Guide to HALO<sup>®</sup>-96 SPC-QC

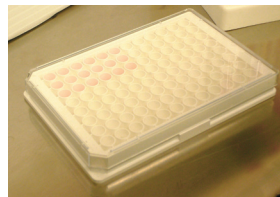
## STEP 1

Prepare cell suspension to a mononuclear cell (MNC) fraction. Perform cell count and viability and adjust to working cell concentration



## STEP 5

Using an electronic pipette dispense 0.1mL of Culture Master Mix into each of 6 replicate wells for each cell population



## TIPS

- Use self-calibrating electronic pipettes or a liquid handler.
- Always incubate plates in a humidified chamber to prevent drying out.
- Cell culture for 7 days increases assay sensitivity ~3 fold.

## TIPS

- Always use gloves when working with ATP.
- Always ensure well contents are mixed properly (see manual).

## STEP 6

Incubate for 5-7 days at 37°C in 5% CO<sub>2</sub> and 5% O<sub>2</sub> (preferred)

## STEP 7

Calibrate and standardize assay prior to sample measurement (see separate Quick Guide)

## STEP 8

Add 0.1mL of ATP-ER to each well, mix and measure bioluminescence after 10 min incubation in the dark