DRAQ7™

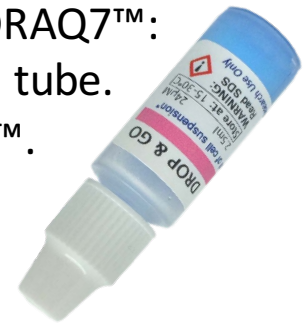
DROP & GO Viability Probe

simply apply 2 drops to 0.5ml of cell suspension

PROTOCOL 1:

CELL STAINING FOR DEAD / APOPTOTIC CELL EVALUATION BY FLOW CYTOMETRY

1. After all other procedures are completed, prepare cells for staining with DRAQ7™: resuspend cells in suitable buffer (e.g. PBS) at ≤5 x 10^5 cells / ml in a FACS tube.
2. For each 0.5 ml of cell suspension add 1 or 2 drops of DRAQ7 DROP & GO™.
3. Gently mix by pipetting. Incubate for 10 min. at 37 °C, in the dark.
4. Analyze without washing. Detect in a suitable channel above 665 nm.



NOTE: ALWAYS READ THE SAFETY DATA SHEET BEFORE STARTING. Protect samples from light during incubations, particularly if other (immuno-) fluorescent stains have been applied, which may otherwise suffer photo-bleaching.

PROTOCOL 2:

MONITORING CELL VIABILITY IN REAL-TIME, DYNAMIC CELL-BASED ASSAYS

1. For each 2 ml aliquot of culture medium add 3* drops of DRAQ7 DROP & GO™.
2. Add other real-time functional probes to the culture medium at this point (e.g. TMRM).
3. For flow cytometric monitoring, take timed aliquots. Add end-point stains as needed.
4. Analyse for far-red (> 665 nm) events relative to controls, by flow cytometry or microscopy. No washing is required.

*It may be necessary to assess the correct dose of DRAQ7 DROP & GO™ for your cell culture assay (due to cell density, micro-tissue dimensions, tissue thickness, etc.).

RUNNING LOW? To re-order DRAQ7 DROP & GO™ - SKUs: DR72524 – 1x 2.5ml
DR77524 – 3x 2.5ml

SCALING UP? Select from DRAQ7™ SKUs: DR71000 – Regular Pack
DR710HC – Volume Pack

ORDERING / QUESTIONS? ✆ +44 1509 558 163

enquiry@biostatus.com

www.biostatus.com