666-211+

MITHRAMYCIN STAINING PROTOCOL

fixed high power laser w. Spectrum - - -

1. Harvest drug-treated cells from spinner culture.
2. Centrifuge sample for 5 min at 1200 rpm.
3. Siphon off medium.
4. Resuspend cells in mithramycin solution using a bulb pipette and allow cells to stand 20 min at room temperature.
5. Analyze stained cells on FMF at 457 nm wavelength setting.

Mithramycin working staining solution:

Mithramycin 100 µg/ml in 25% ethanol and 15 mM $MgCl_2$.

Stock @ 500 µg/ml

dilute 1 ml Stock
1.25 ml ETOH
2.75 ml PBS (without FCS)

Add 15 mg To 5 ml } $MgCl_2 \cdot 6H_2O$
3 mg/ml } MW 203.33