

Assay Name: Scratch wound healing assay using direct cell counting

Assay ID: Celigo_04_0002

Description: Cell counting to measure wound healing scratch assay for oncology research

Stains: Label Free

Imaging channels: Bright field

Image analysis algorithm: Celigo software Target 1

Methods:

1. Seed PC3 cells and leave overnight to reach confluence
2. Create uniform scratch using P-1000 pipette tip
3. Wash off any floating cells from the scratch wound
4. Capture images at 0, 24 and 48 hrs and count cells in a predefined as displayed below

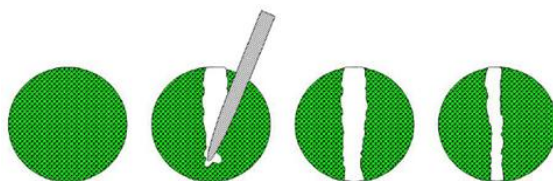


Figure 1. Wound creating diagram

Results:

Celigo gating interface demonstrating the closure of scratch wound over time

