Hemocytometer calculations

Carefully add 10uL of cell suspension to the hemocytometer (with cover slip)

Count all cells in innermost 25 squares

Cell count \* 10 = Cells per uL, for approximately 1.0 OD we need 100,000 cells/uL

M1\*V1=M2\*V2

M1= Current cells/uL \* (V1)= 100,000 \* 10,000uL (10mL)

V1= Amount of cell suspension to add then bring total volume up to 10mL (V2)