Experiment date: _____

Objective:_____
_____
_____
_____

Cellular Viability Assay

	1	2	3	4	5	6	7	8	9	10	11	12
A												
B												
C												
D												
E												
F												
G												
H												

Protocol:

1. Seed _____ cells per well in a 96-well plate in _____ µL of _____ media.
2. Incubate the plate for 48 hours under experimental conditions.
   _____
   _____
   _____
3. Add 10 µL of the CCK-8 reagent (Abcam, cat. No. 228554) to each well.
   Pro Tip: Prepare a mix of CCK-8 (10 µL) and serum-free media (100 µL) for all wells, and add 110 µL of mix into each well. Use the multi-channel pipette to load the mix into wells.
4. Incubate the plate for an additional _____ hour(s).
5. Measure the absorbance at 450 nm with a 540 nm reference using a spectrophotometer. The water-soluble tetrazolium salt WST-8 is taken up and reduced in the mitochondria of viable cells to a soluble orange formazan dye. The absorbance is directly proportional to the number of viable cells.
6. Normalize the cellular proliferation to the experimental control.