Luciferase Cell Lysis Buffer

Overview

Protocol

1. Dilute LCLB (5X) with dH_2O to 1X concentration.
2. Aspirate the growth media from wells.
3. Wash the cells once with PBS (pH 7.4) and aspirate.
4. Add the appropriate volume of 1X LCLB to each well (See Table below):

Culture Vessel	Surface (cm^2)	Volume of 1X LCLB
98 well	0.32	25 µl
24 well	0.95	75 µl
12 well	1.9	150 µl
35 mm dish	3.8	250 µl
6 well	9.5	800 µl
60 mm dish	21	1.5 ml
100 mm dish	55	2.5 ml

5. Incubate at room temp for 15-20 min on an orbital shaker (making sure the surface in a well is completely covered with the buffer).
6. Use 5-20 µl of cell lysate for assaying.