

Materials List for:

Autonomously Bioluminescent Mammalian Cells for Continuous and Real-time Monitoring of Cytotoxicity

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Materials

Name	Company	Catalog Number	Comments
IVIS Lumina	PerkinElmer		Other IVIS models and PMT-based plate readers can also be used
Living Imaging 2.0	PerkinElmer		Newer updates of this software is available
75 cm ² cell culture treated flasks	Corning	430641	
6-well tissue culture-treated plates	Costar	07-200-83	
Black 24-well plate	Greiner Bio-One	662174	96- or 384-well plates can be used for higher throughput applications
Phosphate buffered saline	Hyclone	SH30910	
Dulbecco's Modified Eagle's Medium (DMEM), phenol red-free	Hyclone	SH30284	
Fetal bovine serum	Hyclone	SH3091003	
Nonessential amino acids, 100x	Life Technologies	11140050	
Antibiotic-antimycotic, 100x	Life Technologies	15240062	
Sodium pyruvate, 100mM	Life Technologies	11360070	
Zeocin, 100 mg/ml	Life Technologies	R25001	
Trypsin, 0.05%	Life Technologies	25300062	