

MitoXpress Intra Intracellular Oxygen Assay

Plate Reader compatibility chart

Instrument	Optical configuration	Integ 1 (D1/W1) Integ 2 (D2/W2)	Optimum mode	Ex (nm) Em (nm)
BioTek: Cytation 1, 3, or 5 Synergy H1	Filter-based Top or bottom read	30/30 μ s 70/30 μ s	Dual read TR-F (Lifetime)	Ex 380 $\pm$ 20 nm Em 645 $\pm$ 15 nm
BMG Labtech: CLARIOstar	Filter-based Top or bottom read (bottom read preferred where available)	30/30 μ s 70/30 μ s	Dual-read TR-F (Lifetime)	Ex 340 $\pm$ 50 nm (TR-EX) Em 665 $\pm$ 50 nm or Em 645 $\pm$ 20 nm with LP-TR Dichroic
Tecan: Spark (10M/20M)	Filter-based Top read	30/30 μ s 70/30 μ s	Dual read TR-F (Lifetime)	Ex 380 $\pm$ 20 nm Em 670 $\pm$ 40 nm
	Fusion optics Top read	30/30 μ s 70/30 μ s	Dual read TR-F (Lifetime)	Ex 380 $\pm$ 20 nm (Monochromator) Em 670 $\pm$ 40 nm (Filter)

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This information is subject to change without notice.