

MitoXpress Xtra 推奨装置・計測設定

装置	光学設定	Integ 1 (D1/W1) Integ 2 (D2/W2)	最適モード	Ex (nm) Em (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 10 nm with LP-TR Dichroic
FLUOstar Omega POLARstar Omega	Filter-based Top or bottom read	30 / 30 μ s 70 / 30 μ s	Dual-read TR-F (Lifetime)	Ex 340 \pm 50 nm (TR-EXL) Em 655 \pm 25 nm (BP-655)
PHERAstar FS/FSX	Filter-based Top or bottom read	40 / 100 μ s n/a	TR-F	Ex 337 Em 665 (HTRF Module)
FLUOstar Optima POLARstar Optima	Filter-based Top or bottom read	30 / 100 μ s n/a	TR-F	Ex 340 \pm 50 nm (TR-EXL) Em 655 \pm 25 nm (BP-655)
BioTek: Cytation 1, 3 or 5 Synergy H1, H4, Neo or Neo2	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
Tecan: Spark 10M or 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)
Infinite F200Pro Infinite F Plex Infinite F Nano+	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 380 \pm 20 nm Em 670 \pm 40 nm
Infinite M1000Pro Infinite M200Pro Infinite M Plex Infinite M Nano+	Monochromator Top or bottom read	30 / 100 μ s n/a	TR-F	Ex 380 \pm 9 nm Em 650 \pm 20 nm
Safire or Genios Pro	Monochromator / Filter-based Top or bottom read	30 / 100 μ s n/a	TR-F	Ex 380 \pm 9/15 nm Em 650 \pm 20 nm
Perkin Elmer: VICTOR series, X4 or X5	Filter-based Top read	30 / 30 μ s 70 / 30 μ s	Dual read TR-F (Lifetime)	Ex 340 \pm 40 nm (D340) Em 642 \pm 10 nm (D642)
EnVision	Filter-based Top read	40 / 100 μ s n/a	TR-F	Ex 340 \pm 60 nm (X340) Em 650 \pm 8 nm (M650)
Molecular Devices: SpectraMax i3x, i3 SpectraMax Paradigm	Filter-based Top or bottom read (bottom read preferred where available)	30/100 μ s n/a	TR-F	Ex 370 nm Em 642 \pm 10 nm (TRF-EuSa Filter Cartridge)
SpectraMax iD5	Filter-based Top or bottom read (bottom read preferred where available)	30 / 100 μ s n/a	TR-F	Ex 350 \pm 60 nm Em 642 \pm 10 nm
	Monochromator-based Top or bottom read (bottom read preferred where available)	30 / 100 μ s n/a	TR-F	Ex 380 \pm 15 nm Em 650 \pm 25 nm
SpectraMax M series, SpectraMax Flexstation SpectraMax Gemini SpectraMax i3x, i3, iD3 or iD5	Monochromator Top or bottom read (bottom read preferred where available)	n/a n/a	Intensity (Prompt)	Ex 380 \pm 15 nm Em 650 \pm 25 nm
SpectraMax Paradigm	Filter-based Bottom read	n/a n/a	Intensity (Prompt)	Ex 380 \pm 15 nm Em 650 \pm 15 nm (TUNE Cartridge)



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