

# Ph-Xtra Glycolysis Assay

## Plate Reader compatibility chart

Instrument	Optical configuration	Integ 1 (D1/W1) Integ 2 (D2/W2)	Optimum mode	Ex (nm) Em (nm)
<b>BioTek:</b> Cytation 1, 3, or 5 Synergy H1, H4, Neo or Neo2	Filter-based Top or bottom read	100/30 $\mu$ s 300/30 $\mu$ s	Dual read TR-F (Lifetime)	Ex 360 $\pm$ 40 nm Em 620 $\pm$ 10 nm
<b>BMG Labtech:</b> CLARIOstar	Filter-based Top or bottom read	100/30 $\mu$ s 300/30 $\mu$ s	Dual-read TR-F (Lifetime)	Ex 340 $\pm$ 50 nm (TR-EX) Em 615 $\pm$ 18 nm (BP-615)
FLUOstar Omega POLARstar Omega	Filter-based Top or bottom read	100/30 $\mu$ s 300/30 $\mu$ s	Dual-read TR-F (Lifetime)	Ex 340 $\pm$ 50 nm (TR-EX) Em 615 $\pm$ 18 nm (BP-615)
PERAstar FSX	Filter-based Top read	100/30 $\mu$ s 300/30 $\mu$ s	Dual-read TR-F (Lifetime)	Ex 337 nm Em 620 nm (HTRF Module)
<b>Tecan:</b> Spark (10M/20M)	Filter-based	100/30 $\mu$ s 300/30 $\mu$ s	Dual read TR-F (Lifetime)	Ex 380 $\pm$ 20 nm Em 615 $\pm$ 20 nm
	Fusion optics	100/30 $\mu$ s 300/30 $\mu$ s	Dual read TR-F (Lifetime)	Ex 380 $\pm$ 20 nm (Monochromator) Em 615 $\pm$ 20 nm (Filter)
Infinite F200Pro Infinite F Plex Infinite F Nano+	Filter-based Top or bottom read	100/30 $\mu$ s 300/30 $\mu$ s	Dual read TR-F (Lifetime)	Ex 380 $\pm$ 20 nm Em 615 $\pm$ 10 nm
<b>Perkin Elmer:</b> VICTOR series, X4 or X5	Filter-based Top read	100/30 $\mu$ s 300/30 $\mu$ s	Dual read TR-F (Lifetime)	Ex 340 $\pm$ 40 nm (D340) Em 615 $\pm$ 8.5 nm (D615)
EnVision	Filter-based Top read	100/30 $\mu$ s 300/30 $\mu$ s	Dual read TR-F (Lifetime)	Ex 340 $\pm$ 60 nm (X340) Em 615 $\pm$ 8.5 nm (M615)
<b>Molecular Devices:</b> SpectraMax i3x, i3 SpectraMax Paradigm	Filter-based Top or bottom read (bottom read preferred where available)	100/100 $\mu$ s n/a	TR-F	Ex 370 nm Em 616 $\pm$ 10 nm (TRF-EuSa Filter Cartridge)
SpectraMax M series SpectraMax Flexstation	Monochromator-based Top or bottom read	100/100 $\mu$ s n/a	TR-F	Ex 380 $\pm$ 9 nm Em 615 $\pm$ 15 nm
SpectraMax GeminiXPS SpectraMax GeminiEM	Monochromator-based Top or bottom read	100/100 $\mu$ s n/a	TR-F	Ex 380 $\pm$ 9 nm Em 615 $\pm$ 9 nm
SpectraMax iD5	Filter-based Top or bottom read (bottom read preferred where available)	100/100 $\mu$ s n/a	TR-F	Ex 350 $\pm$ 60 nm Em 616 $\pm$ 10 nm
	Monochromator-based Top or bottom read (bottom read preferred where available)	100/100 $\mu$ s n/a	TR-F	Ex 380 $\pm$ 15 nm Em 615 $\pm$ 25 nm

Instrument	Optical configuration	Integ 1 (D1/W1) Integ 2 (D2/W2)	Optimum mode	Ex (nm) Em (nm)
<b>BMG Labtech:</b> FLUOstar Optima POLARstar Optima	Filter-based Top or bottom read	100/100 $\mu$ s n/a	TR-F	Ex 340 $\pm$ 50 nm (TR-EX L) Em 615 $\pm$ 18 nm (BP-615)
<b>Tecan:</b> Infinite M1000Pro Infinite M200Pro Infinite M Plex Infinite M Nano+ Safire	Monochromator-based Top or bottom read	100/100 $\mu$ s n/a	TR-F	Ex 380 $\pm$ 15 nm Em 615 $\pm$ 20 nm
Genios Pro	Filter-based Top or bottom read	100/100 $\mu$ s n/a	TR-F	Ex 380 $\pm$ 9 nm Em 615 $\pm$ 20 nm

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Printed in the USA, October 17, 2019  
5994-0077EN