



Compatibility Guide for Real-Time PCR Equipment

Model	Channel 1	Channel 2	Channel 3	Channel 4	Channel 5	Channel 6	Channel 7	Multiplexing
BioRad Laboratories								
MiniOpticon	FAM, ATTO 488	HEX, ATTO 550, TET, Yakima Yellow						2-plex
MyiQ	FAM, ATTO 488							1-plex
MyiQ2	FAM, ATTO 488	HEX, ATTO 550, Cy3, TAMRA						2-plex
Chromo4	FAM, ATTO 488	JOE, TET, HEX, Cy3, TAMRA, ATTO 550, Yakima Yellow	Texas-Red, ROX, LC 610	Cy5, ATTO 647N				4-plex
iCycler iQ	FAM, ATTO 488	HEX, TET, Cy3, ATTO 550, JOE, Yakima Yellow	Texas-Red, ROX	Cy5				4-plex
iCycler iQ5	FAM, ATTO 488	HEX, TET, JOE	TAMRA, Cy3, ATTO 550, ATTO 565	Texas Red, ROX, LC 610	Cy5, ATTO 647N			5-plex
CFX-96	FAM, ATTO 488	HEX, JOE, Yakima Yellow	Texas Red, ROX, LC 610	Cy5, ATTO 647N	LC 705, Cy5.5, ATTO 680			5-plex
CFX-384	FAM, ATTO 488	HEX, JOE, Yakima Yellow	Texas Red, ROX, LC 610	Cy5, ATTO 647N				4-plex
Cepheid								
Smart Cycler	FAM, ATTO 488	Cy3, TET, ATTO 550, TAMRA	Texas Red, ROX, LC 610	Cy5, ATTO 647N				4-plex



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Eppendorf								
Mastercycler realplex ²	FAM, ATTO 488	HEX, JOE, TET, ATTO 520, Yakima Yellow						2-plex
Mastercycler realplex ⁴	FAM, ATTO 488	HEX, JOE, TET, ATTO 520, Yakima Yellow	TAMRA, ATTO 550	ROX, Texas Red				4-plex
Life Technologies (ABI)								
StepOne	FAM	JOE, HEX, Yakima Yellow	ROX					3-plex
StepOnePlus	FAM	JOE, HEX, Yakima Yellow	TAMRA, ATTO 550	ROX				4-plex
7000	FAM	JOE, Yakima Yellow	TAMRA	ROX				4-plex
7300	FAM	JOE, HEX, Yakima Yellow	TAMRA, ATTO 550	ROX				4-plex
7500 (Fast / Fast Dx) Real Time	FAM	JOE, HEX, Yakima Yellow	TAMRA, ATTO 550, Cy3	ROX, Texas Red	Cy5			5-plex
7700	FAM	JOE, HEX, TET, Yakima Yellow	TAMRA	ROX				4-plex
7900 HT	FAM	JOE, HEX, TET, Yakima Yellow	TAMRA, ATTO 550	ROX				4-plex



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QIAGEN								
Rotor-Gene Q 2plex	FAM, ATTO 488	JOE, HEX, TET, ATTO 520, Yakima Yellow						2-plex
Rotor-Gene Q 2plex HRM	FAM ATTO 488	JOE, HEX, TET, ATTO 520, Yakima Yellow						2-plex
Rotor-Gene Q 5plex	FAM, ATTO 488	JOE, HEX, TET, ATTO 520, Yakima Yellow	ROX, Texas Red	Cy5, LC 640, ATTO 647N, LC 670	LC 705, ATTO 680, Cy5.5			5-plex
Rotor-Gene Q 5plex HRM	FAM, ATTO 488	JOE, HEX, TET, ATTO 520, Yakima Yellow	ROX, Texas Red	Cy5, LC 640, ATTO 647N, LC 670	LC 705, ATTO 680, Cy5.5			5-plex
Rotor-Gene Q 6plex		FAM, ATTO 488	JOE, HEX, TET, ATTO 520, Yakima Yellow	ROX, Texas Red	Cy5, LC 640, ATTO 647N, LC 670	LC 705, ATTO 680, Cy5.5		6-plex



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Roche Applied Science								
LC 1.2	FAM, ATTO 488, TET, ATTO 520, JOE, Yakima Yellow	ATTO 647N, LC 670, Cy5.5, ATTO 680, LC 705						2-plex
LC 1.5	FAM, ATTO 488, ATTO 520, TET	ATTO 610, LC 640	ATTO 680, LC 705, Cy5.5					2-plex
LC 2.0	FAM, ATTO 488, ATTO 520, TET	HEX, Cy3, Yakima Yellow	LC 610, Texas Red, ROX	ATTO 610, LC 640	Cy5, ATTO 647N, LC 670	Cy5.5, ATTO 680, LC 705		4-plex
LC 480	FAM	ATTO 488, TET	JOE, HEX, Yakima Yellow	ATTO 550, TAMRA, ATTO 565, LC 610, ROX	ATTO 610, LC 640	Cy5, ATTO 647N		6-plex
LC 480 II	FAM	ATTO 488	TAMRA, Cy3	LC 610, Texas Red	ATTO 610, LC 640	ATTO 647N, LC 670, Cy5		6-plex
LC 1536	FAM, ATTO 488	HEX, TAMRA, Cy3						1-plex
LC Nano	FAM, ATTO 488	HEX, Yakima Yellow	LC 610, Texas Red, ROX	Cy5				2-plex
Stratagene (Agilent Technologies)								
MX3000P	FAM, ATTO 488	TET, ATTO 520	HEX, JOE, Yakima Yellow	Cy3, ATTO 550	TAMRA, ATTO 565	ROX, Texas Red, LC 610	ATTO 633, ATTO 647N, Cy5	4-plex
MX3005P	FAM, ATTO 488	TET, ATTO 521	HEX, JOE, Yakima Yellow	Cy3, ATTO 550	TAMRA, ATTO 565	ROX, Texas Red, LC 610	ATTO 633, ATTO 647N, Cy5	5-plex
MX4000	FAM, ATTO 488	TET, ATTO 522	HEX, JOE, Yakima Yellow	Cy3, ATTO 550	TAMRA, ATTO 565	ROX, Texas Red, LC 610	ATTO 633, ATTO 647N, Cy5	4-plex