Thermo SCIENTIFIC

Pre-aliquoted PCR Master Mix Ordering Information

Step 1 Enzyme type	**AM:** **EX:** **TS:**	ThermoPrime (standard PCR) Extensor (hi-fi/long PCR) Thermo-Start (hot-start PCR)
Step 2 Buffer type (EX ONLY)	**1:** **2:**	For templates up to 12kb For templates > 12kb
Step 3 Consumable type	**337:** **620:** **489:** **350:** **266:** **1182:** **1113:** **1114:** **772:** **773:** **848:** **849:** **600:** **700:** **800:** **900:** **990:** **1000:** **1300:** **1100:** **1400:** **2100:** **2400:** **2800:** **84:** **937:** **1111:**	Individual 0.2ml Domed Cap Thermo-Tubes Individual 0.2ml Flat Cap Thermo-Tubes Individual 0.5ml Domed Cap Thermo-Tubes Individual 0.5ml Flat Cap Thermo-Tubes Thermo-Strips with Domed Caps (8-tube strip) Thermo-Strips with Flat Caps (8-tube strip) Thermo-Strips with Domed Caps (12-tube strip) Thermo-Strips with Flat Caps (12-tube strip) Low Profile Thermo-Strips with Domed Caps (8-tube strip) Low Profile Thermo-Strips with Flat Caps (8-tube strip) Low Profile Thermo-Strips with Domed Caps (12-tube strip) Low Profile Thermo-Strips with Flat Caps (12-tube strip) ABgene 96 PCR Plate Non-Skirted, Capped ABgene 96 PCR Plate Non-Skirted, Low Profile, Capped ABgene 96 PCR Plate Skirted, Low Profile, Capped ABgene 96 PCR Plate Semi-Skirted, Capped ABgene 96 PCR Plate Rigid Semi-Skirted, Capped ABgene 96 PCR Plate Rigid Skirted, Low Profile, Capped ABgene 96 Robotic PCR Plate, Capped ABgene 96 PCR Detection Plate, Capped ABgene 96 PCR Detection Plate Mark II, Capped ABgene SuperPlate Raised Semi-Skirt 96-Well PCR Plate, Easy Peal Heat Seal ABgene SuperPlate Semi-Skirted 96-Well PCR Plate, Capped ABgene SuperPlate Skirted 96-Well PCR Plate ABgene 384 PCR Plate, Easy Peel Heat Seal ABgene 384 PCR Plate Mark II, Easy Peel Heat Seal ABgene 384 Diamond PCR Plate, Diamond Foil Seal
Step 4 Conc. & final reaction volume	**2:** **4:** **6:** **8:**	1.1X concentration, 25µl final reaction volume 1.1X concentration, 50µl final reaction volume 2X concentration, 25µl final reaction volume 2X concentration, 50µl final reaction volume
Step 5 Final $MgCl_2$ concentration (NOT for EX)	**15:** **20:** **25:** **30:** **35:** **40:**	1.5mM $MgCl_2$ 2.0mM $MgCl_2$ 2.5mM $MgCl_2$ 3.0mM $MgCl_2$ 3.5mM $MgCl_2$ 4.0mM $MgCl_2$
Step 6 ReddyMix (NOT for TS)	**LD:**	ReddyMix (or leave blank for standard)
Step 7 Pack size	**A:**	96 tubes of type 337, 620, 489 or 350 (25µl reaction volume) 96 tubes of type 337, 620, 489 or 350 (50µl reaction volume) 12 strips of type 266, 1182, 772 or 773 (25µl reaction volume) 12 strips of type 266, 1182, 772 or 773 (50µl reaction volume) 8 strips of type 1113, 1114, 848 or 849 (25µl reaction volume) 8 strips of type 1113, 1114, 848 or 849 (50µl reaction volume)
	B:	10 x 96 tubes of type 337, 620, 489 or 350 (25µl reaction volume) 10 x 96 tubes of type 337, 620, 489 or 350 (50µl reaction volume) 10 x 12 strips of type 266, 1182, 772 or 773 (25µl reaction volume) 10 x 12 strips of type 266, 1182, 772 or 773 (50µl reaction volume) 10 x 8 strips of type 1113, 1114, 848 or 849 (25µl reaction volume) 10 x 8 strips of type 1113, 1114, 848 or 849 (50µl reaction volume)
	No suffix:	10 x 96-well plate of type 600, 700, 800, 900, 990, 1000, 1100, 1400, 1900, 2100, 2400, 2800 (25µl) 5 x 96-well plate of type 600, 700, 800, 900, 990, 1000, 1100, 1400, 1900, 2100, 2400, 2800 (50µl) 10 x 384-well plate of type 384, 937, 1111 (25µl)