

Agilent offers a broad range of qPCR and qRT-PCR Kits for everything from routine qPCR to specialty applications.

- Brilliant III Ultra-Fast maintains amplification efficiency, R2, dynamic range and detection sensitivity all while shortening the total cycling time by ~60% compared to standard cycling.
- Our SideStep II qRT-PCR products, which use our Brilliant qRT-PCR technology, deliver efficient cell lysis, RNA stabilization, and sensitive quantitative gene expression analysis without RNA purification.
- The MycoSensor PCR & qPCR Assay Kits detect Mycoplasma infection of cell cultures by real-time quantitative PCR (qPCR) or PCR in less than two hours.

Brilliant III
Ultra-Fast SYBR
qPCR, 10 pack
97066-530

Brilliant III
Ultra-Fast SYBR
qRT-PCR, 10 pack
97066-538

Brilliant III
Ultra-Fast
qPCR MM,
97066-524

Table 1. Fast qPCR reagents.

	VWR Item #	Agilent Part #	Description	Quantity
SYBR	97066-528	600882	Brilliant III Ultra-Fast SYBR Green qPCR Master Mix	20 µl/rxn, 400 rxns
	97066-530	600883	Brilliant III Ultra-Fast SYBR Green qPCR Master Mix	10 x (20 µl/rxn, 400 rxns)
	97066-536	600886	Brilliant III Ultra-Fast SYBR Green qRT-PCR Master Mix	20 µl/rxn, 400 rxns
	97066-538	600887	Brilliant III Ultra-Fast SYBR Green qRT-PCR Master Mix	10 x (20 µl/rxn, 400 rxns)
Probe	97066-524	600880	Brilliant III Ultra-Fast qPCR Master Mix	20 µl/rxn, 400 rxns
	97066-526	600881	Brilliant III Ultra-Fast qPCR Master Mix	10 x (20 µl/rxn, 400 rxns)
	97066-532	600884	Brilliant III Ultra-Fast qRT-PCR Master Mix	20 µl/rxn, 400 rxns
	97066-534	600885	Brilliant III Ultra-Fast qRT-PCR Master Mix	10 x (20 µl/rxn, 400 rxns)

Table 2. Standard qPCR reagents.

	VWR Item #	Agilent Part #	Description	Quantity
SYBR	ST600828	600828	Brilliant II SYBR Green qPCR Master Mix	25 µl/rxn, 400 rxns
	99903-740	600831	Brilliant II SYBR Green qPCR Master Mix	10 x (25 µl/rxn, 400 rxns)
	99903-726	600825	Brilliant II SYBR Green qRT-PCR Master Mix, 1-step	25 µl/rxn, 400 rxns
	99903-728	600826	Brilliant II SYBR Green qRT-PCR Master Mix, 1-step	10 x (25 µl/rxn, 400 rxns)
	99903-742	600834	Brilliant II SYBR Green qRT-PCR AffinityScript Master Mix, 2-step	25 µl/rxn, 400 rxns
	97066-494	600829	Brilliant II SYBR Green qPCR Master Mix, High ROX	25 µl/rxn, 400 rxns
	97066-496	600830	Brilliant II SYBR Green qPCR Master Mix, Low ROX	25 µl/rxn, 400 rxns
	97066-504	600836	Brilliant II SYBR Green qRT-PCR High ROX Master Mix, 1-Step	25 µl/rxn, 400 rxns
	97066-502	600835	Brilliant II SYBR Green qRT-PCR Low ROX Master Mix, 1-Step	25 µl/rxn, 400 rxns
Probe	ST600804	600804	Brilliant II qPCR Master Mix	25 µl/rxn, 400 rxns
	99903-466	600815	Brilliant II qPCR Master Mix	10 x (25 µl/rxn, 400 rxns)
	99903-468	600827	Brilliant II qRT-PCR Master Mix, 2-step	25 µl/rxn, 400 rxns
	99902-366	600536	Passive Reference Dye (ROX)	10 x 100 µl
	99903-850	600805	Brilliant II qPCR High ROX Master Mix	25 µl/rxn, 400 rxns
	ST600806	600806	Brilliant II qPCR Low ROX Master Mix	25 µl/rxn, 400 rxns
	99903-858	600838	Brilliant II qRT-PCR High ROX Master Mix, 1-Step	25 µl/rxn, 400 rxns
	99903-860	600837	Brilliant II qRT-PCR Low ROX Master Mix, 1-Step	25 µl/rxn, 400 rxns

Brilliant II
SYBR Green
qPCR MM,
Low ROX
97066-496

Table 3. Multiplex & specialty kits.

VWR Item #	Agilent Part #	Description	Quantity
ST600553	600553	Brilliant Multiplex Kit	200 rxns
97066-464	600584	miRNA qRT-PCR Master Mix Detection Kit	200 rxns
97066-988	G4880A	qPCR NGS Library Quantification Kit (Illumina GA)	400 rxns
76204-824	5500-0094	Porcine Detection Kit	50 preps, 400 rxns
ST302107	302107	MycoSensor qPCR Assay Kit	50 rxns
ST302106	302106	MycoSensor qPCR Assay Kit	100 rxns
97066-462	600583	miRNA qPCR Master Mix	200 rxns
97066-484	600750	miRNA Forward Primer Human U6	200 µl
97066-434	600037	Universal Reverse Primer	200 µl

Brilliant
Multiplex Kit,
200 rxns

MycoSensor
qPCR Kit,
100 rxns
ST302106

Table 4. RNA purification kits.

VWR Item #	Agilent Part #	Description	Quantity
99900-134	400800	Absolutely RNA® Microprep Kit	50 preps
ST400805	400805	Absolutely RNA® Microprep Kit	30 µl
99902-024	400793	StrataPrep Plasmid® Mini Prep Kit	250 rxns
ST400753	400753	Absolutely RNA® Nanoprep Kit	10 µl
99901-678	400809	Absolutely RNA® FFPE Kit	30 µl
ST400811	400811	Absolutely RNA® FFPE Kit (without de-parafinization reagents)	50 preps

Table 4. RNA purification kits (continued).

VWR Item #	Agilent Part #	Description	Quantity
97066-402	400814	Absolutely miRNA® Purification Kit	50 preps
ST400806	400806	Absolutely miRNA® Purification Kit	10 preps
97066-614	5185-6000	Total RNA Isolation Mini Kit	50 preps
99900-446	200345	RNA Isolation Kit	7g of tissue
99900-440	200344	miRNA Extraction Kit	100-500 rxns
ST400720	400720	RNase – IT Ribonuclease Cocktail (RNase A & RNase T1)	600 µl, 6000U
99901-676	400792	RNA Lysis Buffer	125ml

**Table 5.** Lysis & stabilization.

VWR Item #	Agilent Part #	Description	Quantity
ST400900	400900	SideStep Lysis & Stabilization Buffer	10mls, 100 rxns
97066-404	400916	SideStep II Cell Lysis Analysis Kit	100 rxns
97066-406	400917	SideStep II qRT-PCR Master Mix, 1 Step	400 rxns

Table 6. DNA purification.

VWR Item #	Agilent Part #	Description	Quantity
ST400761	400761	StrataPrep Plasmid MiniPrep	50 rxns
ST400763	400763	StrataPrep Plasmid MiniPrep Kit	250 rxns
ST200600	200600	Reference DNA Extraction Kit	35 samples
ST400714	400714	StrataClean Resin	3ml
ST200392	200392	Lambda DNA Purification Kit	50 mini-preps
ST400771	400771	StrataPrep PCR Purification Kit	50 rxns
99901-672	400775	StrataPrep 96 PCR Purification Kit	2 plate
ST400766	400766	StrataPrep DNA Gel Extraction Kit	50 rxns
ST400768	400768	StrataPrep DNA Gel Extraction Kit	250 rxns

Table 7. cDNA synthesis.

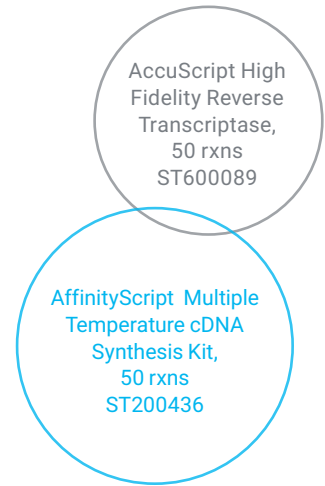
VWR Item #	Agilent Part #	Description	Quantity
ST200820	200820	AccuScript High Fidelity cDNA Synthesis Kit	50 rxns
99903-750	600036	miRNA 1st Strand cDNA Synthesis Kit	50 rxns
99902-648	600105	AffinityScript Multiple Temperature Reverse Transcriptase	10 rxns
ST600107	600107	AffinityScript Multiple Temperature Reverse Transcriptase	50 rxns
99902-652	600109	AffinityScript Multiple Temperature Reverse Transcriptase	200 rxns
ST600089	600089	AccuScript High Fidelity Reverse Transcriptase	50 rxns
99902-640	600090	AccuScript High Fidelity Reverse Transcriptase	200 rxns
ST600559	600559	AffinityScript qPCR cDNA Synthesis Kit	50 rxns
ST200436	200436	AffinityScript Multiple Temperature cDNA Synthesis Kit	50 rxns

Table 8. Reference reagents.

VWR Item #	Agilent Part #	Description	Quantity
ST750500	750500	qPCR Human Reference Total RNA	25 µg @ 1 µg/µl
ST750600	750600	qPCR Mouse Reference Total RNA	25 µg @ 1 µg/µl

Table 9. Purified total RNA MVP products.

VWR Item #	Agilent Part #	Description	Quantity
99901-906	540019	Total RNA, Human Lung	25 µg
99902-012	540071	Total RNA, Human, Ovary	
99901-924	540025	Total RNA, Human, Placenta	



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