



Price list RNA Portfolio

Prices in € exclude taxes and transport

Last update: 01.06.2017

Index

<i>RNA oligonucleotides – single tube - desalted</i>	3
<i>RNA oligonucleotides – single tube – HPLC purified</i>	4
<i>RNA oligonucleotides – single tube – 5' Modifications</i>	5
<i>RNA oligonucleotides – single tube – 3' Modifications</i>	7
<i>RNA oligonucleotides – single tube – Internal Modifications</i>	8
<i>RNA Oligos - plates</i>	10
<i>RNA Longmers</i>	12
<i>RNA Longmers - Modifications</i>	13
<i>Mid/ Large Scale RNA oligonucleotides</i>	15
<i>siRNA/ RNAi/ duplex RNA</i>	16
<i>Dual Labelled Fluorogenic RNA Probes/ RNA qPCR probes</i>	17
<i>Shipping Costs</i>	19
<i>Trademarks</i>	22

RNA oligonucleotides – single tube - desalted

Standard Small Scale Synthesis- price/nt in €

Range of quantity delivered [nmol]	Oligo Length
≥ 10 < 25	5-40 nts 4,00
≥ 25 < 50	6,00
≥ 50 < 100	8,00
≥ 100	please inquire

Important Information:

- metabion offers 3 yield ranges based on length independent delivered quantities for oligos from 5-40 nucleotides.
- For oligos longer than 40 nucleotides, or for larger yields, please refer to RNA oligonucleotide – single tube – HPLC.
- Shipping condition dry.

Analytical Services/printout

- MALDI/ESI-ToF (per analysis): 35,00
- Analytical HPLC (per analysis): 25,00
- Mass Check + Analytical HPLC (per analysis): 50,00

RNA oligonucleotides – single tube – HPLC purified

Standard Small Scale Synthesis- price/nt in €				
Range of quantity delivered [nmol]	Oligo Length			
	11-40 nts	41-60 nts	61-80 nts	>80 nts*
≥ 5 < 25	5,50	7,50	10,00	please inquire
≥ 25 < 50	7,20	8,50	11,50	please inquire
≥ 50 < 100	8,20	11,20	13,00	please inquire
≥ 100 < 200	10,50	13,90	17,00	please inquire
≥ 200 < 400	13,90	16,50	21,00	please inquire
≥ 400	please inquire	please inquire	please inquire	please inquire

*For oligos over 80 nts of length, please refer to the RNA Longmer section of this pricelist or inquire.

Standard Small Scale Synthesis- price/oligo in €	
Range of quantity delivered [nmol]	Oligo Length
	2-10 nts
≥ 5 < 25	60,00
≥ 25 < 50	80,00
≥ 50 < 100	90,00
≥ 100 < 200	115,00
≥ 200 < 400	150,00

Important Information:

- metabion offers 5 yield ranges based on length independent delivered quantities from 5-400 nmol for oligos from 2-80 nucleotides.
- For oligos longer than 80 nucleotides, please refer to the RNA Longmer section of this pricelist or inquire.
- 100% HPLC purification as well as QC by Mass-Check for best quality.
- Shipping condition dry.

Analytical Services/printout

- MALDI/ESI-ToF (per analysis): included
- Analytical HPLC (per analysis): 25,00

RNA oligonucleotides – single tube – 5' Modifications – Part 1

Available for oligos delivered in single tube format.

Standard modification pricing refers to one modification per oligonucleotide. Dual or multiple labelling does not automatically follow simple addition arithmetic. Please inquire for feasibility and pricing.

RNA 5' Modifications - price per modification in €

Range of quantity delivered [nmol]	≥ 5 < 25	≥ 25 < 50	≥ 50 < 100	≥ 100 < 200	≥ 200 < 400
6-Fam	50,00	85,00	110,00	132,00	198,00
Atto 390	60,00	100,00	150,00	190,00	290,00
Atto 425	145,00	205,00	345,00	390,00	please inquire
Atto 550	190,00	285,00	370,00	410,00	please inquire
Atto 633	145,00	205,00	345,00	390,00	550,00
Atto 647N	190,00	285,00	340,00	410,00	please inquire
Cy3	90,00	170,00	250,00	350,00	500,00
Cy5	90,00	170,00	250,00	350,00	500,00
Cy5.5	120,00	210,00	330,00	520,00	please inquire
Fluorescein	50,00	85,00	110,00	132,00	198,00
Hex	65,00	98,00	140,00	165,00	245,00
IRD®700	160,00	210,00	330,00	520,00	please inquire
Joe	80,00	120,00	180,00	225,00	410,00
Tamra	150,00	200,00	260,00	370,00	520,00
Tet	65,00	98,00	140,00	165,00	245,00
Texas Red®	150,00	200,00	260,00	370,00	520,00
Yakima Yellow®	120,00	190,00	250,00	360,00	510,00
2-Deoxyinosine	20,00	25,00	30,00	35,00	50,00
2-Deoxyuridine	30,00	35,00	45,00	50,00	75,00
2' F	35,00	37,00	50,00	55,00	85,00
2' OMe	10,00	15,00	17,00	20,00	30,00
2-Aminopurine	95,00	118,00	165,00	195,00	295,00
5-Fluoro-dU	55,00	68,00	90,00	105,00	160,00
5-Me-dC	50,00	70,00	125,00	150,00	225,00
7-deaza-G	200,00	240,00	320,00	440,00	please inquire
Bromo-dG/-dA	50,00	60,00	90,00	160,00	200,00
Bromo-dC/-dU	30,00	40,00	50,00	100,00	150,00
C3-Azid	30,00	40,00	50,00	100,00	150,00
C6-Amino	50,00	75,00	100,00	120,00	180,00

RNA oligonucleotides – single tube – 5' Modifications – Part2

RNA 5' Modifications - price per modification in €

Range of quantity delivered [nmol]	≥ 5 < 25	≥ 25 < 50	≥ 50 < 100	≥ 100 < 200	≥ 200 < 400
BBQ®-650	150,00	185,00	235,00	285,00	425,00
BHQ®-1	150,00	185,00	235,00	285,00	425,00
BHQ®-2	150,00	185,00	235,00	285,00	425,00
Biotin	45,00	63,00	80,00	100,00	150,00
Biotin-TEG	110,00	130,00	155,00	185,00	280,00
C3 Spacer	45,00	55,00	70,00	80,00	120,00
Cholesteryl-TEG	110,00	130,00	155,00	185,00	280,00
Dabcyl	70,00	90,00	180,00	215,00	320,00
Digoxigenin	90,00	120,00	190,00	230,00	345,00
DNA	1,50	2,50	4,00	7,00	11,00
Phosphate	25,00	35,00	45,00	50,00	75,00
PTO	4,00	5,20	8,50	10,20	15,50
r-Inosine	75,00	98,00	120,00	140,00	210,00
Thiol-C6	75,00	110,00	145,00	170,00	260,00

RNA oligonucleotides – single tube – 3' Modifications

3' Modifications - price per modification in €					
Range of quantity delivered [nmol]	≥ 5 < 25	≥ 25 < 50	≥ 50 < 100	≥ 100 < 200	≥ 200 < 400
6-Fam	60,00	80,00	100,00	120,00	180,00
Atto425	145,00	205,00	345,00	450,00	please inquire
Atto550	190,00	285,00	370,00	470,00	please inquire
Atto647N	190,00	285,00	370,00	470,00	please inquire
Cy3	90,00	170,00	290,00	410,00	650,00
Cy5	90,00	170,00	290,00	410,00	650,00
Cy5.5	120,00	210,00	350,00	450,00	690,00
Dy547	110,00	200,00	330,00	430,00	670,00
Fluorescein	60,00	80,00	100,00	120,00	180,00
Joe	110,00	200,00	330,00	430,00	670,00
Tamra	120,00	210,00	350,00	450,00	please inquire
Texas Red®	110,00	200,00	330,00	430,00	670,00
C6-Amino	50,00	55,00	75,00	85,00	130,00
BBQ®-650	150,00	185,00	235,00	285,00	425,00
BHQ®-1	150,00	185,00	235,00	285,00	425,00
BHQ®-2	150,00	185,00	235,00	285,00	425,00
Biotin	70,00	85,00	125,00	150,00	190,00
Biotin-TEG	110,00	130,00	155,00	185,00	280,00
C3 Spacer	65,00	78,00	105,00	130,00	190,00
Cholesteryl-TEG	110,00	135,00	155,00	190,00	280,00
Dabcyl	90,00	150,00	210,00	270,00	350,00
Digoxigenin	150,00	260,00	400,00	650,00	please inquire
DNA	1,50	2,50	4,00	7,00	11,00
Phosphate	25,00	35,00	45,00	50,00	75,00
PTO	15,00	18,00	20,00	22,00	25,00
Thiol-C6	70,00	105,00	130,00	155,00	230,00

RNA oligonucleotides – single tube – Internal Modifications – Part1

Internal Modifications - price per modification in €

Range of quantity delivered [nmol]	≥ 5 < 25	≥ 25 < 50	≥ 50 < 100	≥ 100 < 200	≥ 200 < 400
6-Fam (U)	225,00	300,00	480,00	650,00	please inquire
6-Fam (dU)	60,00	90,00	120,00	160,00	250,00
Atto425 (U)	310,00	370,00	660,00	710,00	please inquire
Atto425 (dU)	145,00	205,00	345,00	390,00	please inquire
Atto550 (U)	330,00	390,00	690,00	750,00	please inquire
Atto550 (dU)	190,00	285,00	370,00	410,00	please inquire
Atto 633 (U)	310,00	370,00	660,00	710,00	Please inquire
Atto 633 (dU)	145,00	205,00	345,00	390,00	550,00
Atto647N (U)	340,00	400,00	710,00	790,00	please inquire
Atto647N (dU)	190,00	285,00	370,00	410,00	please inquire
Cy3 (U)	255,00	335,00	570,00	710,00	please inquire
Cy3 (dU)	90,00	170,00	250,00	400,00	please inquire
Cy5 (U)	255,00	335,00	570,00	710,00	please inquire
Cy5 (dU)	90,00	170,00	250,00	400,00	please inquire
Cy5.5 (U)	255,00	335,00	570,00	710,00	please inquire
Cy5.5 (dU)	90,00	170,00	250,00	400,00	please inquire
Fluorescein (U)	225,00	300,00	480,00	650,00	820,00
Fluorescein (dU)	60,00	90,00	120,00	160,00	250,00
Joe (U)	250,00	335,00	570,00	710,00	950,00
Joe (dU)	80,00	120,00	180,00	315,00	410,00
Tamra (U)	270,00	420,00	610,00	710,00	950,00
Tamra (dU)	100,00	200,00	260,00	315,00	470,00
Texas Red® (U)	225,00	300,00	480,00	650,00	820,00
Texas Red® (dU)	100,00	200,00	260,00	315,00	470,00
2-Deoxyinosine	20,00	25,00	30,00	35,00	50,00
2-Deoxyuridine	30,00	35,00	45,00	50,00	75,00
2' F	35,00	37,00	50,00	55,00	85,00
2' OMe	10,00	15,00	17,00	20,00	30,00
2-Aminopurine	95,00	118,00	165,00	195,00	295,00
5-Fluoro-dU	55,00	68,00	90,00	105,00	160,00
5-Me-dC	50,00	70,00	125,00	150,00	225,00
7-deaza-G	200,00	240,00	320,00	440,00	please inquire
Bromo-dG/-dA	50,00	60,00	90,00	160,00	200,00
Bromo-dC/-dU	30,00	40,00	50,00	100,00	150,00
C3-Azid	30,00	40,00	50,00	100,00	150,00
C6-Amino-U	90,00	120,00	150,00	180,00	210,00

RNA oligonucleotides – single tube – Internal Modifications – Part2

Internal Modifications - price per modification in €

Range of quantity delivered [nmol]	≥ 5 < 25	≥ 25 < 50	≥ 50 < 100	≥ 100 < 200	≥ 200 < 400
DNA	1,50	2,50	4,00	7,00	11,00
PTO	4,00	5,20	8,50	10,20	15,50
r-Inosine	65,00	98,00	120,00	140,00	210,00
rSpacer	90,00	120,00	150,00	180,00	210,00

RNA Oligos - plates – Part1

RNA Oligos - plates - Price/nt in €

Range of quantity delivered [nmol]	Oligo Length	
	5-20 nts	21-40 nts
≥ 10 < 25	2,90	3,50
≥ 25 < 50	3,50	4,50

Important Information:

- Delivery in 96well microtiter plates.
- Standard desalted, “ready-to-use” and 100% QCed oligos at top quality.
- 2 yield scales based on length independent delivered quantities from 10-50 nmol for oligos from 5-40 nucleotides.
- Minimum number of oligos of the same kind (scale, modification, normalization, shipping condition) is 48 per 96well plate.
- Combination of batches of ≥48 congeneric oligos in one plate is allowed (2x48).
- Shipping condition dry.
- Electronic transmission of synthesis reports.

RNA Oligos - plates - Price per modification in €

	Range of quantity delivered [nmol]	
	≥ 10 < 25	≥ 25 < 50
5' modification		
6-Fam	30.00	50.00
Fluorescein	30.00	50.00
Biotin	40.00	60.00
Phosphate	20.00	30.00
C6-Amino	10.00	15.00
C12-Amino	30.00	50.00
3' modification		
Biotin	40.00	60.00
C7-Amino	20.00	30.00

RNA Oligos – plates – Part2

Microtiter plate pricing - Price per plate in €

1.2 round well/ U bottom	free of charge
1.0 ml “Matrix” microplates w/o barcode	5.00
1.0 ml “Matrix” microplates 2D barcoded	20.00

RNA Longmers – Part1

RNA Longmers- price/oligo in €

Oligo Length

Quantity delivered [nmol]	60-80 nts	81-100 nts	101-120 nts	121-140 nts
1	290,00	350,00	550,00	750,00
2	330,00	550,00	720,00	Please inquire
5	480,00	750,00	950,00	Please inquire
10	590,00	900,00	1100,00	Please inquire

*quantity delivered in [nmol]

Important Information:

- metabion offers RNA Longmers in 4 final yields based on length independent delivered quantities of 1-10 nmol for oligos from 60-140 nucleotides.
- For oligos between 60 and 80 nucleotides, please refer to the modification list available for our standard single-tube RNA portfolio.
- 100% HPLC purification as well as QC by Mass-Check for best quality.
- Shipping condition dry.

RNA Longmers - Modifications – Part1

Available for Oligos delivered in single tube format.

Standard modification pricing refers to one modification per oligonucleotide. Dual or multiple labelling does not automatically follow simple addition arithmetics. Please inquire for feasibility and pricing.

5' Modifications - price per modification in €

Quantity delivered [nmol]	1	2	5	10
Atto 390	60,00	60,00	60,00	60,00
Atto425	145,00	145,00	145,00	145,00
Atto550	190,00	190,00	190,00	190,00
Atto 633	145,00	145,00	145,00	145,00
Atto647N	190,00	190,00	190,00	190,00
Cy3	90,00	90,00	90,00	90,00
Cy5	90,00	90,00	90,00	90,00
Cy5.5	120,00	120,00	120,00	120,00
6-FAM	50,00	50,00	50,00	50,00
Fluorescein	50,00	50,00	50,00	50,00
Hex	65,00	65,00	65,00	65,00
Joe	80,00	80,00	80,00	80,00
Tamra	150,00	150,00	150,00	150,00
Tet	65,00	65,00	65,00	65,00
Texas Red®	150,00	150,00	150,00	150,00
Yakima Yellow®	120,00	120,00	120,00	120,00
2' F	35,00	35,00	35,00	35,00
2' OMe	10,00	10,00	10,00	10,00
7-deaza-G	200,00	200,00	200,00	200,00
C6-Amino	50,00	50,00	50,00	50,00
Biotin	45,00	45,00	45,00	45,00
Biotin-TEG	110,00	110,00	110,00	110,00
Cholesteryl	110,00	110,00	110,00	110,00
DNA	1,50	1,50	1,50	1,50
Phosphate	25,00	25,00	25,00	25,00
PTO	4,00	4,00	4,00	4,00
Spacer C3	45,00	45,00	45,00	45,00
Thiol-C6	75,00	75,00	75,00	75,00

RNA Longmers - Modifications – Part2

3' Modifications - price per modification in €

Quantity delivered [nmol]	1	2	5	10
Biotin	70,00	70,00	70,00	70,00
Biotin-TEG	110,00	110,00	110,00	110,00
Cholesteryl-TEG	110,00	110,00	110,00	110,00
DNA	1,50	1,50	1,50	1,50
PTO	15,00	15,00	15,00	15,00
Spacer C3	65,00	65,00	65,00	65,00
2' OMe	10,00	10,00	10,00	10,00

Internal Modifications - price per modification in €

Quantity delivered [nmol]	1	2	5	10
2' F	35,00	35,00	35,00	35,00
2' OMe	10,00	10,00	10,00	10,00
7-deaza-G	200,00	200,00	200,00	200,00
C6-Amino-U	90,00	90,00	90,00	90,00
DNA	1,50	1,50	1,50	1,50
PTO	4,00	4,00	4,00	4,00

Mid/ Large Scale RNA oligonucleotides

	RNA 15-25 bases in length unmodified	dsRNA/ siRNA
Quantity delivered	Price/oligo in €*	Price/duplex in €*
50 mg	3375,00	6740,00
100 mg	4750,00	7790,00
250 mg	7350,00	10490,00
500 mg	10965,00	15160,00
1 gram	19085,00	22970,00

* including metabion's standard large scale QC package, consisting of an analytical HPLC and Mass Spec.

General Terms & Specs:

- Delivered oligonucleotides are HPLC purified, Mass-checked for best quality, and lyophilized.
- Prices could vary with sequence composition and additional modifications.
- Please inquire for pricing and availability of modified sequences and oligo lengths outside the ranges listed above.

siRNA/ RNAi/ duplex RNA

Duplex RNA/ siRNA - price/duplex in €

Quantity delivered [nmol]	Duplex Length
	11-40 nts
10	275,00
25	360,00
50	410,00
100	525,00
200	695,00

Important information:

- Fixed price/duplex based on length independent delivered quantities from 10-200 nmol for 11-40mer duplexes
- 3' DNA overhangs up to 2 nts without extra charge. Total length per ssRNA/RNA-DNA chimera must not exceed 40 nts each nor be shorter than 11 nts.
- For 5' Phosphorylation of both strands, a scale independent surcharge of EURO 90,00 applies.
- 100% HPLC purification as well as QC by Mass-Check of ssRNA for best quality.
- Shipping condition dry. Dissolving instructions for best duplex formation provided.

Dual Labelled Fluorogenic RNA Probes/ RNA qPCR probes – Part1

- Prices include HPLC purification and Maldi-ToF quality check to ensure probes are of highest quality!
- Price/probe. No base charges apply! Valid up to 40 bases.
- For longer oligos or other reporter/quencher combinations, please contact us.

Dual-labelled fluorogenic probe pricing in €

Range of quantity delivered [nmol]	Level 1	Level 2	Level 3
≥ 1 < 5	390,00	650,00	890,00
≥ 5 <10	475,00	775,00	1075,00
≥ 10 <20	575,00	925,00	1275,00
≥ 20 <30	750,00	1200,00	1650,00
≥ 30 <50	1250,00	1750,00	2400,00
≥ 50	please inquire		

* based on oligonucleotides of 15-40 bases in length

Dual Labelled Fluorogenic RNA Probes/ RNA qPCR probes – Part2

Reporter/ Quencher Combinations

5' Reporter	3' Quencher				
	BHQ®1	BHQ®2	BBQ®-650	Eclipse®	Dabcyl
	Pricing level				
LC®CYAN500	3	-	-	3	3
Fluo	1	1	-	1	1
6-FAM	1	1	-	1	1
FITC	1	1	-	1	1
TET	2	2	-	2	2
JOE	2	-	-	2	2
Yakima Yellow®	2	-	-	2	2
Hex	1	1	1	1	1
Cy3	-	3	3	3	-
TAMRA	-	3	3	3	3
ROX	-	3	3	3	-
Texas Red®	-	3	3	3	-
LC®Red 610	-	3	3	3	-
LC®Red 640	-	3	3	-	-
Cy5	-	3	3	-	-
Cy5.5	-	3	3	-	-
IRD®700	-	3	3	-	-

Reporter/ Quencher Combinations

5' Quencher	3' Reporter									
	Fluo	6-Fam	Joe	Hex	Cy3	Rox	LC®Red610	LC®Red640	Cy5	Cy5.5
	Pricing level									
BHQ®-1	2	2	3	3	-	-	-	-	-	-
BHQ®-2	2	2	-	3	3	3	3	3	3	2
Eclipse®	1	1	2	3	-	3	3	-	-	-
BBQ®-650	-	-	-	-	-	3	3	3	3	3
Dabcyl	1	1	2	-	-	-	-	-	-	-

Shipping Costs – Part1

Shipping Table RNA

Munich/Martinsried oligos are delivered without shipping charges.

Country	Shipping Price (€)	Free Shipping Order Value (€)
Afghanistan	65,00	1300,00
Argentina	30,00	600,00
Armenia	20,00	400,00
Australia	30,00	600,00
Austria	8,00	300,00
Azerbaijan	20,00	400,00
Bahrain	30,00	600,00
Belgium	10,00	200,00
Benin	30,00	600,00
Bhutan	30,00	600,00
Bosnia and Herzegovina	20,00	400,00
Botswana	65,00	1300,00
Brazil	30,00	600,00
Bulgaria	30,00	600,00
Canada	25,00	500,00
Canary Islands	20,00	400,00
Chile	30,00	600,00
China	30,00	600,00
Colombia	30,00	600,00
Croatia	20,00	400,00
Cuba	30,00	600,00
Cyprus	20,00	400,00
Czech Republic	15,00	300,00
Denmark	10,00	200,00
Egypt	30,00	600,00
Estonia	20,00	400,00
Finland	15,00	300,00
France	10,00	200,00
Gambia	35,00	500,00
Georgia	20,00	400,00
Germany	4,20	125,00
Ghana	35,00	700,00
Greece	15,00	300,00
Hungary	15,00	300,00
India	30,00	600,00
Indonesien	30,00	600,00
Iraq	90,00	1800,00
Iran	60,00	-
Ireland	19,00	400,00

Shipping Costs – Part2

Shipping Table RNA

Country	Shipping Price (€)	Free Shipping Order Value (€)
Island	20,00	400,00
Israel	44,00	900,00
Italy	18,00	400,00
Japan	30,00	600,00
Kazakhstan	30,00	600,00
Kenya	30,00	600,00
Kuwait	30,00	600,00
Laos	30,00	600,00
Latvia	20,00	400,00
Lebanon	30,00	600,00
Libya	80,00	-
Lithuania	20,00	400,00
Luxembourg	15,00	300,00
Macedonia	30,00	600,00
Maldives	40,00	800,00
Malta	20,00	400,00
Mexico	25,00	500,00
Moldova	20,00	400,00
Monaco	30,00	600,00
Montenegro	30,00	600,00
Morocco	30,00	600,00
Nepal	40,00	800,00
Netherlands	10,00	200,00
New Zealand	30,00	600,00
Norway	20,00	400,00
Paraguay	60,00	600,00
Pakistan	40,00	800,00
Philippines	30,00	600,00
Poland	10,00	200,00
Portugal	20,00	400,00
Qatar	40,00	800,00
Republic of the Congo	30,00	600,00
Romania	30,00	600,00
Russia	30,00	600,00
Saudi Arabia	30,00	600,00
Senegal	30,00	600,00
Serbia	30,00	600,00
Singapore	28,00	600,00
Slovakia	25,00	500,00

Shipping Costs – Part3

Shipping Table RNA

Country	Shipping Price (€)	Free Shipping Order Value (€)
Slovenia	25,00	500,00
South Africa	30,00	600,00
South Korea	30,00	600,00
Spain	15,00	300,00
Sudan	60,00	-
Sultanate of Oman	30,00	600,00
Sweden	19,00	400,00
Switzerland	10,00	200,00
Syria	80,00	-
Tadschikistan	30,00	600,00
Taiwan	30,00	650,00
Thailand	28,00	600,00
Tunisia	30,00	600,00
Turkey	25,00	500,00
Uganda	30,00	600,00
Ukraine	30,00	600,00
United Arab Emirates	30,00	600,00
United Kingdom	11,00	250,00
USA	20,00	500,00
Vietnam	40,00	800,00

RNA Price List



Trademarks

ABI Prism® is a registered trademarks of The Perkin-Elmer Corp.

Alexa®, Alexa Fluor®, BODIPY®, Calcium Green®, Cascade Blue®, Fura Red®, Marina Blue®, Oregon Green®, Pacific Blue™, Rhodamine Green™, Rhodamine Red™, SYBR®, Texas Red® are registered trademarks of Molecular Probes, Inc.

Black Hole Quencher™, BHQ®-0, BHQ®-1, BHQ®-2, BHQ®-3, and Quasar™ are registered trademarks of Biosearch Technologies, Inc.

Eclipse® and Yakima Yellow® are trademarks of ELITechGroup, formerly Epoch Biosciences Inc.

BlackBerry is a trademark of Berry & Associates, Inc.

IRDye®700TM, IRDye®800 and IRDye®700DX are registered trademarks of LI-COR

LightCycler® is a registered trademark of Roche Diagnostics GmbH.

Taqman® is a registered trademark of Applied Biosystems, Inc.

EvaGreen® is a registered trademark and licensed for sale by Biotium, Inc., Hayward, CA, USA

SYBR® is a registered trademark of Invitrogen Corporation, Carlsbad, California, USA

Chromo™ is a trademark of Active Motif Chromeon GmbH, Germany

Eterneon™ is a trademark of baseclick GmbH, Germany

454™, 454 LIFE SCIENCES™, 454 SEQUENCING™, GS FLX™, GS FLX TITANIUM™, GS JUNIOR™, EMPCR™, PICOTITERPLATE™, PTP™, REM™, FASTSTART™, CASY™, and INNOVATIS™, are trademarks of Roche.