

# Custom Primers fax order form

Order On-Line --- simple, secure, convenient

Page of To fax your order please use the Fax Number for your Country indicated below.

## Primer Fax Ordering

**Germany: 0800 65 44 66 9**

**Austria: 0800 22 77 19**

### delivery address

Customer Number

Institution

Department

Address

Post Code

Country

Attention

Telephone

Fax

E-mail Address

### invoice address

Purchase Order Number

Customer Number

Institution

Department

Address

Post Code

Country

VAT Exempt

Yes

No

(Please tick)

### additional order information

Order Placed by

Telephone

Quote Number  
(if applicable)

\* To ensure primer sequence accuracy, we do not recommend orders be placed by phone.  
Products are for research use only. Not intended for human or animal diagnostic or therapeutic use. Euro Tech-LineSM and the Invitrogen logo are marks of Invitrogen Corporation.

# Custom Primers fax order form

Germany: 0800 65 44 66 9

Austria: 0800 22 77 19

Page of Please use the following codes when identifying non-standard or mixed bases. U=deoxyuracil, I=deoxyinosine, N=A+c+T+g, R=A+g, Y=c+T, M=A+c, K=T+g, S=c+g, W=A+T, H=A+T+c, B=T+c+g, D=A+T+g, V=A+c+g, F=phosphorothioate-A, O=phosphorothioate-c, E=phosphorothioate-g, Z=phosphorothioate-T, 5=T-Lux-Fam, 6=T-Lux-Joe. LuxTMprimers must have been previously designed using Invitrogen on-line software at [www.invitrogen.com/lux](http://www.invitrogen.com/lux). To avoid confusion please enter the sequence 5' to 3' using upper case for T and A and lower case for c and g. Please fill in the form below in block capitals.

Purchase Order Number

**primer** Primer name

Researcher name

Sequence 5' to 3'

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100					

**select application and starting scale**

PCR Primers (Desalted)	PCR Primers (RP) (Reverse Phase Cartridge)	Cloning Primers (HPLC) (HPLC Purified)	Cloning Primers (PAGE) (PAGE Purified)
(25 nmole)	(1 µmole)	(50 nmole)	(200 nmole)
(50 nmole)	(10 µmole)	(200 nmole)	(1 µmole)
(200 nmole)	(1 µmole)	(1 µmole)	(10 µmole)

Modification

**primer** Primer name

Researcher name

Sequence 5' to 3'

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100					

**select application and starting yield**

PCR Primers (Desalted)	PCR Primers (RP) (Reverse Phase Cartridge)	Cloning Primers (HPLC) (HPLC Purified)	Cloning Primers (PAGE) (PAGE Purified)
(25 nmole)	(1 µmole)	(50 nmole)	(200 nmole)
(50 nmole)	(10 µmole)	(200 nmole)	(1 µmole)
(200 nmole)	(1 µmole)	(1 µmole)	(10 µmole)

Modification

# Custom Primers fax order form

Order On-Line --- simple, secure, convenient

## How much DNA will I get?

The table below shows typical yields from Custom Primers > 20 bases long.

- Estimated reactions are based on 100 µl PCR reaction and a final primer concentration of 0.1 to 5 µM
- Estimated µg DNA is based on 1 OD<sub>260</sub> Unit = 33 µg single stranded DNA
- Yields shown are MINIMUM guaranteed yields for primers > 20 bases long. You may receive more than this quantity
- Primers < 20 bases long may give lower yields

## Minimum yields from custom oligos

OD <sub>260</sub> units	No. of rxns	Quantity of DNA	Expected nmole	Scale
Desalted Oligonucleotides – Maximum length=100bases				
2 OD <sub>260</sub> units	50-2000 PCR rxns	66 µg	6-10	25 nmole scale synthesis
4 OD <sub>260</sub> units	1000-5000 PCR rxns	165 µg	30-40	50 nmole scale synthesis
16 OD <sub>260</sub> units	4000-20000 PCR rxns	660 µg	80-150	200 nmole scale synthesis
50 OD <sub>260</sub> units	20000-100000 PCR rxns	1.65 mg	200-500	1 µmole scale synthesis
500 OD <sub>260</sub> units	100000-1000000 PCR rxns	16.5 mg	3-8 µmole	10 µmole scale synthesis
Cartridge Purified – Maximum length=60 bases				
2 OD <sub>260</sub> units	50-2000 PCR rxns	66 µg	n/a	50 nmole scale synthesis
10 OD <sub>260</sub> units	1000-5000 PCR rxns	165 µg	n/a	200 nmole scale synthesis
25 OD <sub>260</sub> units	4000-20000 PCR rxns	660 µg	n/a	1 µmole scale synthesis
HPLC – Maximum length=60 bases				
1 OD <sub>260</sub> units	20-1000 PCR rxns	33 µg	n/a	50 nmole scale synthesis
3 OD <sub>260</sub> units	600-3000 PCR rxns	99 µg	n/a	200 nmole scale synthesis
15 OD <sub>260</sub> units	3000-15000 PCR rxns	495 µg	n/a	1 µmole scale synthesis
150 OD <sub>260</sub> units	30000-150000 PCR rxns	4.95 mg	n/a	10 µmole scale synthesis
PAGE – Maximum length=100 bases				
1 OD <sub>260</sub> units	20-1000 PCR rxns	33 µg	n/a	200 nmole scale synthesis
5 OD <sub>260</sub> units	1000-5000 PCR rxns	165 µg	n/a	1 µmole scale synthesis
50 OD <sub>260</sub> units	20000-100000 PCR rxns	1.65 mg	n/a	10 µmole scale synthesis

## Primer Fax Ordering

Germany: 0800 65 44 66 9

Austria: 0800 22 77 19

## General Enquiries

### GERMANY

#### Fisher Scientific GmbH

Im Heiligen Feld 17  
58239 Schwerte - Germany  
Tel. 0800 - 6544668

### AUSTRIA

#### Fisher Scientific (Austria) GmbH

Rudolf von Alt-Platz 1  
1030 Wien - Austria  
Tel. 0800 - 227715

For more information visit

[www.de.fishersci.com](http://www.de.fishersci.com) or [www.at.fishersci.com](http://www.at.fishersci.com)



# Custom Primers fax order form

Germany: 0800 65 44 66 9

Austria: 0800 22 77 19

Page of Please use the following codes when identifying non-standard or mixed bases. U=deoxyuracil, I=deoxyinosine, N=A+c+T+g, R=A+g, Y=c+T, M=A+c, K=T+g, S=c+g, W=A+T, H=A+T+c, B=T+c+g, D=A+T+g, V=A+c+g, F=phosphorothioate-A, O=phosphorothioate-c, E=phosphorothioate-g, Z=phosphorothioate-T, 5=T-Lux-Fam, 6=T-Lux-Joe. LuxTMprimers must have been previously designed using Invitrogen on-line software at [www.invitrogen.com/lux](http://www.invitrogen.com/lux). To avoid confusion please enter the sequence 5'to 3' using upper case for T and A and lower case for c and g. Please fill in the form below in block capitals.

Purchase Order Number

**primer**

Primer name

Researcher name

Sequence 5' to 3'

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36

Modification

**select application and starting scale**

PCR Primers (Desalted)		PCR Primers (RP) (Reverse Phase Cartridge)	Cloning Primers (HPLC) (HPLC Purified)		Cloning Primers (PAGE) (PAGE Purified)
(25 nmole)	(1 µmole)	(50 nmole)	(50 nmole)	(10 µmole)	(200 nmole)
(50 nmole)	(10 µmole)	(200 nmole)	(200 nmole)		(1 µmole)
(200 nmole)		(1 µmole)	(1 µmole)		(10 µmole)

**primer**

Primer name

Researcher name

Sequence 5' to 3'

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36

Modification

**select application and starting scale**

PCR Primers (Desalted)		PCR Primers (RP) (Reverse Phase Cartridge)	Cloning Primers (HPLC) (HPLC Purified)		Cloning Primers (PAGE) (PAGE Purified)
(25 nmole)	(1 µmole)	(50 nmole)	(50 nmole)	(10 µmole)	(200 nmole)
(50 nmole)	(10 µmole)	(200 nmole)	(200 nmole)		(1 µmole)
(200 nmole)		(1 µmole)	(1 µmole)		(10 µmole)

**primer**

Primer name

Researcher name

Sequence 5' to 3'

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36

Modification

**select application and starting scale**

PCR Primers (Desalted)		PCR Primers (RP) (Reverse Phase Cartridge)	Cloning Primers (HPLC) (HPLC Purified)		Cloning Primers (PAGE) (PAGE Purified)
(25 nmole)	(1 µmole)	(50 nmole)	(50 nmole)	(10 µmole)	(200 nmole)
(50 nmole)	(10 µmole)	(200 nmole)	(200 nmole)		(1 µmole)
(200 nmole)		(1 µmole)	(1 µmole)		(10 µmole)