

siRNA-Synthese Service				Produktübersicht	
Anbieter/ Hersteller	siRNA Länge (mer)/ Reinheitsgrad	Modifikationen	Lieferzeit	Sonstiges, Besonderheiten, Allgemeines	Preis [EUR]
Applied Biosystems Ambion USA Kontakt: Tel. +1-512-651-0200	Silencer Select are siRNA Assays with a proprietary chemical modification that enhances strand bias and greatly reduces off-target effects.	Available in various sizes, and three quality levels. They can be labelled with dyes by the use of specific reagent kits: Cy3 (label kit at 460,- and FAM (kit: 435,-).	Order to Europe: Standard purity – 6 business days, all scales HPLC purity – 8 business days (20 and 40 nMol scales) and 17 business days (250 nMol scale) <i>in vivo</i> Ready purity – 17 business days (250 nMol)	<ul style="list-style-type: none"> Pre-designed Assays, standard purity (1 nMol/5 nMol/20 nMol/40 nMol) Pre-designed Assays, HPLC purity (20 nMol/40 nMol/250 nMol) Validated Assays, standard purity (1 nMol/5 nMol/ 20 nMol/40 nMol) Validated Assays, HPLC purity (20 nMol/40 nMol/250 nMol) Pre-designed and Validated Assays, <i>in vivo</i> Ready purity 	94,-/206,-/319,-/ 370,- 444,-/504,-/1589,- 116,-/277,-/370,-/422,- 493,-/541,-/1589,- 1718,-
BioCat Heidelberg www.biocat.com Kontakt: Elke Gamer Tel. +49(0)6221-7141516 gamer@biocat.com	Lentiviral siRNA Expression Constructs: Target gene-specific siRNA with a length of 27-29 bp cloned into a third generation lentiviral expression vector enabling transient or stable knockdown.	Not applicable	Premade Lentiviral siRNA Expression Constructs: 1 week Custom Lentiviral siRNA Expression Constructs: 2 weeks	<ul style="list-style-type: none"> 27-29 bp siRNA is more efficient than 21mers siRNA is expressed from convergent H1 and U6 promoters Also available in iLenti-EGFP siRNA lentiviral expression vector containing EGFP marker Empty vector and scrambled sequence negative controls available separately Custom siRNA constructs are offered at the same price as premade ones 	1 Lentiviral siRNA Expression Construct: 150,- (500 ng) 4 Lentiviral siRNA Expression Constructs for 1 target gene (premade or custom): 440,- (4 x 500 ng)
Biomers.net Ulm www.biomers.net Kontakt: Tel. +49(0)731 70396-0 info@biomers.net	8-27 Basen, mindestens 5 OD Liefermenge, HPLC-gereinigt, Qualitätskontrolle mit MALDI-Massenspektrometrie im Preis enthalten, auf Wunsch Reinigung mit PAGE, Qualitätskontrolle mit CE.	Zwei beliebige DNA-Basen an 3' nach Wunsch; PTOS; 2'-Methoxy-Basen; Aminolinks; Biotin; Phosphat; Spacer C3; Inverted End; Farbstoffe: Fam, Hex, Tet, Tamra, Cy3, BMN-5, BMN-6, Atto-Farbstoffe, Dyomics-Farbstoffe	Je nach Menge und Modifikation zwischen 5 und 10 Tagen	<ul style="list-style-type: none"> RNA für jeden Bedarf, von 3 bis 80 Basen Länge 	ab 70,-/Einzelstrang, weitere Preise und Konditionen: siehe Webseite oder einfach anrufen!
Centic Biotec Weimar www.centic-biotec.com Kontakt: Lars Birnbacher Tel. +49(0)3643500903 order@centic-biotec.de	21-mer, 27-mer / HPLC gereinigt	Diverse 5' und 3'-Kopplungen (u.a. Cy3, Cy5, Biotin, Fluorescein) diverse Überhänge (u.a. dTdT, dXdY)	5-10 Werktagen	<ul style="list-style-type: none"> Synthese zertifiziert nach ISO 9000:2001 Garantierte Synthesemenge bis 1µmol (OD250) +/- Kontroll-siRNA Entschützt und gebrauchsfertig 	ab 179,-/siRNA (20 nmol / OD 5)
Eurofins MWG Operon Ebersberg Kontakt: Tel. +49(0)8092 8289-77 support@eurofinsdna.com	21mer & 27mer/ HPLC purified and Desalted / customised & pre-designed	Additional bases and specific overhangs available; Non-Fluorescent modifications such as Biotin, Phosphate, Amino-modifier, Cholesteryl etc.; Fluorescence Modifications such as FAM, HEX, TET, Cy3, Cy5	5-7 working days	<ul style="list-style-type: none"> siMax siRNA Design Tool Pre-designed siRNA Controls Design Project Services Quality documentation with MALDI-TOF & CGE (Capillary Gel Electrophoresis) traces 	Starting from 95,- / siRNA
IBA Göttingen www.rna-tools.com Kontakt: Kai Franke Tel. +49(0)551-50672-0 oligo@iba-go.com	Ready-to-use: RNA Duplexe bis 25mer, gereinigt, entschützt und annealed; Negativ-Kontrollen (entsprechender sense und antisense Strang) auf Anfrage	Unmarkiert, oder mit Biotin oder einem Fluoreszenzfarbstoff aus unserer großen Auswahl von über 150 Farbstoffen markiert	5-10 Tage	<ul style="list-style-type: none"> Alle Modifikationen, die an DNA möglich sind, kann IBA auch an RNA liefern 	350,-/20-40 nmol RNA (beide Stränge, unmarkiert) 890,-/50-100 nmol RNA (beide Stränge, markiert)
	Ready-to-use: Positiv-Kontrolle siRNA (für β -Actin oder lamin A/C); gereinigt	Unmarkiert	1 Tag	k.A.	Ab 100,- / 5 nmol
	Ready-to-use: vordefinierte Doppelstrang-Negativ-Kontrolle RNA (mock); gereinigt	Unmarkiert, oder mit Biotin oder einem Fluoreszenzfarbstoff aus unserer großen Auswahl von über 150 Farbstoffen markiert	1 Tag unmarkiert / 3-5 Tage markiert	k.A.	Unmarkiert ab 100,- / 5 nmol Markiert ab 300,- / 25 nmol
Integrated DNA Technologies Leuven, Belgien www.idtdna.com Kontakt: Tel. +32(0)16 28 22 60 eutechsupport@idtdna.com	Custom siRNA duplexes (tube) 24-30 bases 2 nmole / 10 nmole / 40 nmole	k.A.	2-4 business days	<ul style="list-style-type: none"> Ideal for small scale <i>in vitro</i> applications Includes affinity purification Each duplex identified by ESI mass spec 	121,13 (2 nmole) 177,65 (10 nmole) 245,- (40 nmole)
	Custom siRNA duplexes (plates) 24-30 bases 2 nmole / 10 nmole	k.A.	4-7 business days	<ul style="list-style-type: none"> Ideal for small scale <i>in vitro</i> applications Includes affinity purification Each duplex identified by ESI mass spec 	96,90/duplex (2 nmole) 145,35/duplex (10 nmole)
	PreDesigned siRNA duplexes 24-30 bases 2 nmole / 10 nmole / 40 nmole	k.A.	3-5 business days	<ul style="list-style-type: none"> Over 3,000,000 DsiRNA duplexes have been designed against appr. 25,000 genes in 7 transcriptomes in the RefSeq GenBank (including human, mouse, rat) 	121,13 (2 nmole) 177,65 (10 nmole) 245,- (40 nmole)
	Large Scale custom siRNA duplexes Up to 10 grams	k.A.	Variable, please inquire	<ul style="list-style-type: none"> All duplexes are purified using RNase-free HPLC and come with purity and ESI-MS QC documents 	Variable, please inquire
	TriFECTa DsiRNA kits Kits include 3 gene-specific siRNA duplexes, positive control, negative control, fluorescent-labeled transfection control and buffer	k.A.	k.A.	2-4 business days	<ul style="list-style-type: none"> Complete kit to perform RNAi experiments that includes 3 siRNA duplexes targeting a specific gene and control duplexes

„RNA-Schnipsel-Manufakturen“

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Integrated DNA Technologies (Forts.)	RNAi duplex oligos 18-23 bases 2 nmole / 10 nmole / 40 nmole	k.A.	2-4 business days	k.A.	135,- (2 nmole) 200,- (10 nmole) 300,- (40 nmole)
Invitrogen Karlsruhe www.invitrogen.com Kontakt: Tel. 0800 083 09 02 euroinfo@invitrogen.com	Stealth Select 21mer	RNAi Duplex mit chemischen Modifikationen zur Erhöhung der Spezifität und Reduktion der off-Target Effekte.	10-14 Tage, 3 nicht-überlappende Duplexes in separaten Tubes; 20 nmole pro Duplex, lyophilisiert	<ul style="list-style-type: none"> Erhöhte Serum Stabilität, geringe Toxizität im Vergleich zur Standard siRNA Erhöhte Spezifität Effektiver Knock-down Optimal für die <i>in-vivo</i>-Anwendung Lipofectamine RNAiMAX für die optimierte Transfektion 	see website
	BLOCK-iT siRNA, Unmodifizierte 21-23mer Duplexe mit sehr hoher Reinheit.	Konventionelle, unmodifizierte RNAi Duplex für einen kosteneffektiven Knowdown.	10-14 Tage, 3 Duplexes in separaten Tubes, 20 nmole pro Duplex, lyophilisiert	<ul style="list-style-type: none"> Hairpins Synthese, validierte miRNA Vektoren und Konstruktion shRNA Sequenzen Synthese RNAi Designer auf der Webseite Lipofectamine RNAiMAX für die optimierte Transfektion 	see website
Qiagen Hilden www.qiagen.com Kontakt: Jörg Dennig Tel. +49(0)2103/29 16326 joerg.dennig@qiagen.com	FlexiTube siRNA 21mer/ HPP grade (>90% purity)	Available with 26 different modifications at 20 nmol scale; e.g. Alexa Fluor-dyes, 5'-phosphorylation, numerous linkers.	7 days (+5 days for modifications)	<ul style="list-style-type: none"> For all human, mouse and rat genes (rat only at 20 nmol) Easy access via GeneGlobe Web portal 1 nmol, 5 nmol and 20 nmol scale > 250.000 siRNAs > 3700 experimentally tested siRNAs for >2100 human genes 	85,- to 256,- (without modifications)
	FlexiPlate siRNA 21mer/ HPP grade (>90% purity)	k.A.	12 days	<ul style="list-style-type: none"> 96-well and 384-well plate format For all human and mouse genes Easy access via GeneGlobe Web portal 0,1 nmol, 0,25 nmol and 1 nmol scale > 3700 experimentally tested siRNAs for >2100 human genes 	21,- to 47,-
	Qiagen AllStars RNAi Controls 21mer/HPP grade (>90% purity)	Available with modification options, e.g. Alexa Fluor dyes.	4-7 days	<ul style="list-style-type: none"> Functional and phenotypic positive controls, negative controls, fluorescently labelled siRNAs, reporter gene controls etc. 0,1 nmol - 20 nmol scale 	21,- to 206,- (without modifications)
	HP Custom siRNA 21mer/HPP grade (>90% purity)	Available with 26 different modifications, e.g. Alexa Fluor dyes, 5'-phosphorylation, or numerous linkers.	10 days (+5 days for modifications)	<ul style="list-style-type: none"> Free choice of siRNA sequence 20 nmol scale DNA or RNA overhangs 	226,- (without modifications)
	Large-Scale siRNA Synthesis Variable siRNA length/ <i>in vivo</i> quality	Wide range of modification options	6-8 weeks	<ul style="list-style-type: none"> Suitable for <i>in vivo</i> applications in animals Scale ranging from 20 nmol to 10 g 	Depends on scale and modifications
Sigma-Aldrich Taufkirchen www.sigma.com Kontakt: Rainer Ebel Tel. +49(0)89/6513-1452 Rainer.ebel@sial.com	Singleplex or Duplex Length between 19 and 24 Bases 2 O.D., 5 O.D., 10 O.D. iScale up to several 100 mg Desalted, HPLC or <i>in vivo</i> grade	All standard modifications and label incl. FAM, FITC, Cy3, Cy5, Phosphat, Biotin, Amin, 2-O-Me and more special labels and modifications (e.g. Cholesterol) on request.	Depending on the scale, purification and modifications a few days to a few weeks (e.g. 2, 5, and 10 O.D. = 5-6 days, 100 mg = 3-4 weeks)	<ul style="list-style-type: none"> All siRNA oligos are checked via MALDI-TOF Extensive licence coverage (IP) Pre-designed MISSION siRNA powered by Rosetta Inpharmatics 	Depends on the scale, purification and modifications
Thermo Fisher Scientific Ulm Kontakt: Tel. 49(0)731-2987-0 sales.biopolymers@thermo.com services.biopolymers@thermo.com	15 OD / 4 OD Desalted / purified (HPLC or PAGE)	Standard modifications: Amino, Thiol, Spacer C3, phosphate, Biotin, Dig, 6-FAM, Hex, Tet, Tamra, Cy3, Cy5, Dyomics, Dabcyl, BHQ; other please inquire	5-7 working days Unmodified 7-10 working days	<ul style="list-style-type: none"> Shipped hybridized to duplex molecule – ready to use – in 2 aliquots 	Unmodified 163,26/per duplex
Thermo Fisher Scientific / Perbio Bonn www.thermo.com/dharmacon Kontakt: Tel. +49(0)228 2427409 perbio.eurotech@thermofisher.com	Custom siRNAs von 17-23 Nucleotiden Targetsequenz, verschiedene Aufreinigungsoptionen wie Ready-to-Use, <i>in vivo</i> , <i>in vivo</i> HPLC	5'-TAMRA-hexyl linker; 5'-Phosphate; 5'-Amino, (6-carbon) linker; 5'-Biotin; 5'-Fluorescein; 5'-Tetrachloro-fluorescein; 5'-Pyrene; 5'-Thiol; 5'-Amino, (12 Carbon) linker; 5'-Dabcyl; 5'-Cholesterol; 5'-DY547; 3'-Inverted deoxythymidine; 3'-Puromycin; Terminal di-deoxy-cytidine; 3'-X (Dharmacon Approval Required); 3'-Cholesterol; 3'-Amino Modifier (6 atom); 3'-DY547; weitere Modifikationen auf Anfrage	2-3 Wochen, je nach Modifikation	<ul style="list-style-type: none"> Längere oder kürzere siRNAs auf Anfrage Custom SMARTpool mit Funktionalitätsgarantie 	Ab 208,-
Tib Molbiol Syntheselabor, Berlin Kontakt: Tel. +49(0)30 78799455 dna@tib-molbiol.de	RNA-Auftragungssynthese nach Sequenzvorgabe	Übliche Modifikationen erhältlich	3-5 Tage	k.A.	k.A.