



Anniversary

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Citation Examples of Transgen Products

Product Name	Journals	Paper Titles
TransScript® One-Step gDNA Removal and cDNA Synthesis SuperMix (AT311)	Nature (IF:41.577)	KLHL22 activates amino-acid-dependent mTORC1 signalling to promote tumorigenesis and ageing1. (2018)
	Cell (IF:31.398)	Mapping the mouse cell atlas by microwell-seq xiaoping. (2018)
	Cell (IF:31.398)	Derivation of Pluripotent Stem Cells with In Vivo Embryonic and Extraembryonic Potency. (2017)
	Cell Research (IF:15.393)	Viral effector protein manipulates host hormone signaling to attract insect vectors.(2018)
	Molecular Cell (IF:14.248)	CLOCK Acetylates ASS1 to Drive Circadian Rhythm of Ureagenesis. (2017)
	Nucleic Acids Research (IF:11.561)	Identification of HDA15-PIF1 as a key repression module directing the transcriptional network of seed germination in the dark. (2017)
	Plant Cell (IF:8.228)	Cytokinin Signaling Activates WUSCHEL Expression during Axillary Meristem Initiation. (2017)
TransScript® All-in-One First-Strand cDNA Synthesis SuperMix for qPCR (One-Step gDNA Removal) (AT341)	Cell Death & Differentiation (IF:8.000)	Ube2s regulates Sox2 stability and mouse ES cell maintenance. (2015)
	Molecular Systems Biology (IF:14.099)	An organ boundary-enriched gene regulatory network uncovers regulatory hierarchies underlying axillary meristem initiation. (2014)
TransStart® Tip Green qPCR SuperMix (AQ141)	Journal of Pineal Research (IF:11.613)	Identification, transcriptional and functional analysis of heat-shock protein 90s in banana (<i>Musa acuminata</i> L.) highlight their novel role in melatonin-mediated plant response to Fusarium wilt. (2016)
	New Phytologist (IF:7.433)	Exploring key cellular processes and candidate genes regulating the primary thickening growth of Moso underground shoots. (2016)
TransStart® Top Green qPCR SuperMix (AQ131)	Cancer Cell (IF:22.844)	Dysfunction of the Reciprocal Feedback Loop between GATA3- and ZEB2-Nucleated Repression Programs Contributes to Breast Cancer Metastasis. (2015)
	Nucleic Acids Research (IF:11.561)	Aicardi-Gouti`eres syndrome protein TREX1 suppresses L1 and maintains genome integrity through exonuclease-independent ORF1p depletion. (2017)
TransZol Up Plus RNA Kit (ER501)	Cell Research (IF:15.393)	Class I histone deacetylases are major histone deacetylases: evidence for critical and broad function of histone crotonylation in transcription. (2017)
EasyPure® RNA Kit (ER101)	Cell (IF:31.398)	Mapping the mouse cell atlas by microwell-seq xiaoping. (2018)
2×EasyTaq® PCR SuperMix (AS111)	Nature (IF:41.57)	Anti-tumour immunity controlled through mRNA m6A methylation and YTHDF1 in dendritic cells. (2019)

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1 DNA Purification

EasyPure® Genomic DNA Kit

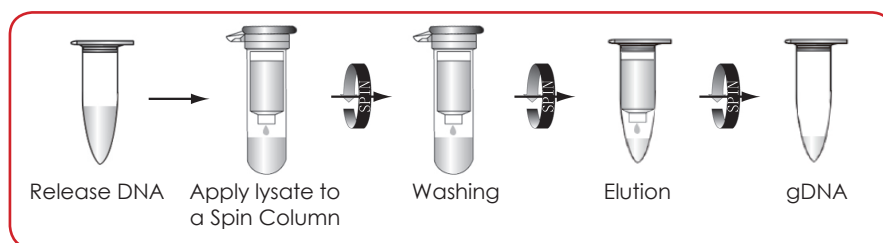
- ◆ DNA yield up to 15 µg.
- ◆ Complete removal of contaminants and inhibitors.
- ◆ Column based purification, no organic extraction or ethanol precipitation.

DNA yield from different mouse tissues

Tissue	Amount	Yield
Heart	25 mg	~5 µg
Liver	25 mg	~10 µg
Spleen	25 mg	~12 µg
Lung	25 mg	~5 µg
Kidney	25 mg	~10 µg
Muscle	25 mg	~2.5 µg

EasyPure® Blood Genomic DNA Kit

- ◆ Simple and fast, red cell lysis buffer is no longer needed.
- ◆ DNA yield up to 40 µg.



EasyPure® FFPE Tissue Genomic DNA Kit

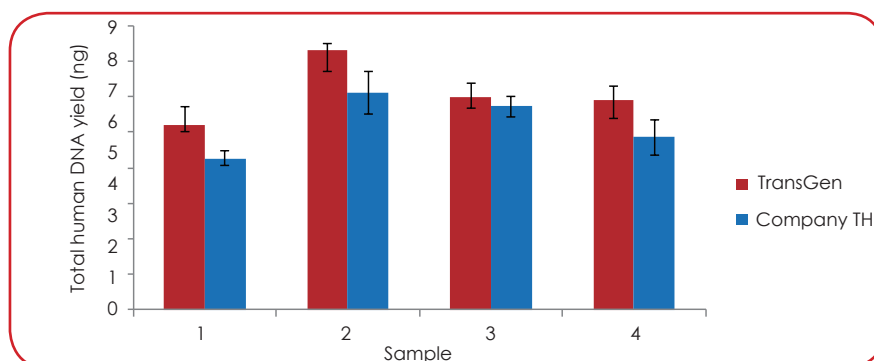
- ◆ Superior lysis capability, rapid purification, high yield.
- ◆ High purity: DNA binds to silica-based membrane specifically and contaminants and inhibitors such as proteins and salts flow through.

EasyPure® HiPure Plasmid MiniPrep Kit

- ◆ Fast: the whole procedure can be performed in 20 minutes.
- ◆ Simple: endotoxin is removed on column.
- ◆ High yield: DNA yield up to 40 µg.

MagicPure™ Cell-Free DNA Kit

- ◆ Simple and fast, Centrifuge is no longer needed.
- ◆ High yield and high purity.



Isolation and quantification of cell-free DNA in 1 ml plasma by Qubit analysis

»»» **MagicPure® Size Selection DNA Beads**

- ◆ Based on SPRI (Solid Phase Reverse Immobilization) principle.
- ◆ Magnetic beads and buffer system possessing unique separation function.
- ◆ Suitable for DNA purification, DNA concentration and NGS library construction.

Product Name	Cat. NO	Specifications	Price (USD)	Promotion Price (USD)
EasyPure® Genomic DNA Kit (with RNase A)	EE101-01	50 rxns	72.89	54.66
	EE101-02	200 rxns	262.00	196.50
EasyPure® Genomic DNA Kit	EE101-11	50 rxns	61.22	45.92
	EE101-12	200 rxns	216.00	162.00
EasyPure® Blood Genomic DNA Kit (with RNase A)	EE121-01	50 rxns	65.60	49.20
	EE121-02	200 rxns	233.00	174.75
EasyPure® Blood Genomic DNA Kit	EE121-11	50 rxns	58.31	43.73
	EE121-12	200 rxns	210.00	157.50
EasyPure® FFPE Tissue Genomic DNA Kit	EE191-01	50 rxns	99.13	74.34
MagicPure® Cell-Free DNA Kit (with Magnetic Stand)	EC201-01	50 rxns	364.00	273.00
MagicPure® Cell-Free DNA Kit (without Magnetic Stand)	EC201-11	50 rxns	335.00	251.25
MagicPure™ Size Selection DNA Beads	EC401-01	1 ml	43.73	32.80
	EC401-02	5 ml	219.00	164.25
	EC401-03	60 ml	1166.00	874.50
	EC401-04	450 ml	4373.00	3279.75
EasyPure® Plant Genomic DNA Kit (with RNase A)	EE111-01	50 rxns	65.60	49.20
	EE111-02	200 rxns	233.00	174.75
EasyPure® Plant Genomic DNA Kit	EE111-11	50 rxns	58.31	43.73
	EE111-12	200 rxns	210.00	157.50
BloodZol	EE131-01	For 50 ml blood	51.02	38.27
	EE131-02	For 200 ml blood	175.00	131.25
PlantZol	EE141-01	100 ml	114.00	85.50
EasyPure® Marine Animal Genomic DNA Kit (with RNase A)	EE151-01	50 rxns	72.89	54.66
EasyPure® Marine Animal Genomic DNA Kit	EE151-11	50 rxns	61.22	45.92
EasyPure® Bacteria Genomic DNA Kit (with RNase A)	EE161-01	50 rxns	75.80	56.85
EasyPure® Bacteria Genomic DNA Kit	EE161-11	50 rxns	61.22	45.92
EasyPure® Food and Fodder Security Genomic DNA Kit	EE171-01	50 rxns	146.00	109.50
EasyPure® Micro Genomic DNA Kit	EE181-01	50 rxns	157.00	117.75
EasyPure® Buccal Swab Genomic DNA Kit	EE201-01	50 rxns	65.60	49.20
MagicPure® Blood Genomic DNA Kit (with Magnetic Stand)	EC101-01	50 rxns	131.00	98.25
MagicPure® Blood Genomic DNA Kit (without Magnetic Stand)	EC101-11	50 rxns	102.00	76.50
EasyPure® Plasmid MiniPrep Kit	EM101-01	50 rxns	24.78	18.59
	EM101-02	200 rxns	87.46	65.60
EasyPure® HiPure Plasmid MiniPrep Kit	EM111-01	50 rxns	75.80	56.85
EasyPure® HiPure Plasmid MaxiPrep Kit	EM121-01	10 rxns	117.00	87.75
EasyPure® PCR Purification Kit	EP101-01	50 rxns	30.61	22.96
	EP101-02	200 rxns	105.00	78.75
EasyPure® Quick Gel Extraction Kit	EG101-01	50 rxns	33.53	25.15
	EG101-02	200 rxns	117.00	87.75

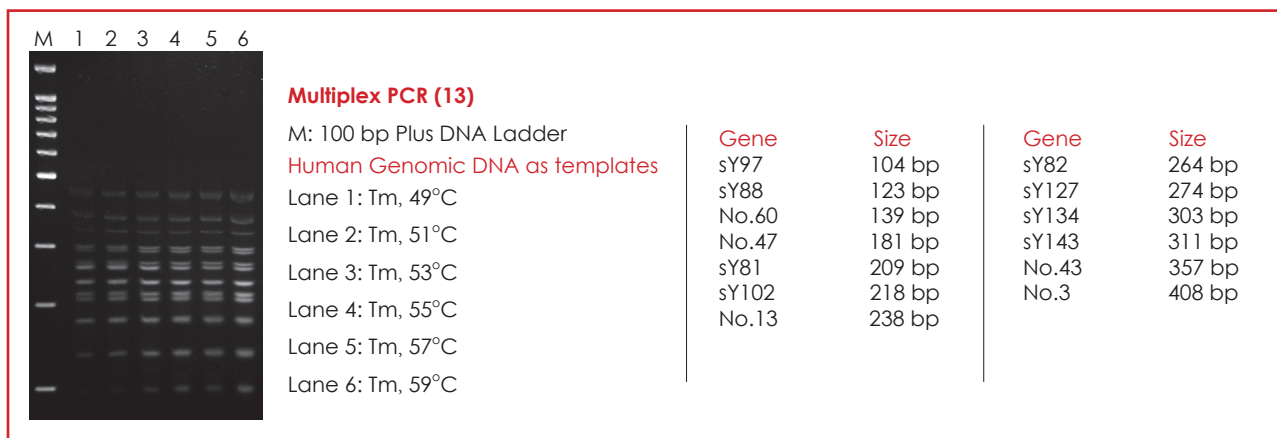
2 PCR Reagent

TransTaq® DNA Polymerase High Fidelity (HiFi)

- ◆ Two different buffers are provided in the kit.
Buffer I is optimized for the amplification of genomic DNA.
Buffer II is optimized for the amplification of λDNA, cDNA or plasmid DNA.
- ◆ GC Enhancer included; Applied in GC/AT rich templates and complex templates.

TransStart® TopTaq DNA Polymerase

- ◆ High amplification efficiency, specificity and sensitivity.
- ◆ Applied in multiplex PCR and SNP analysis.



TransStart® FastPfu DNA Polymerase

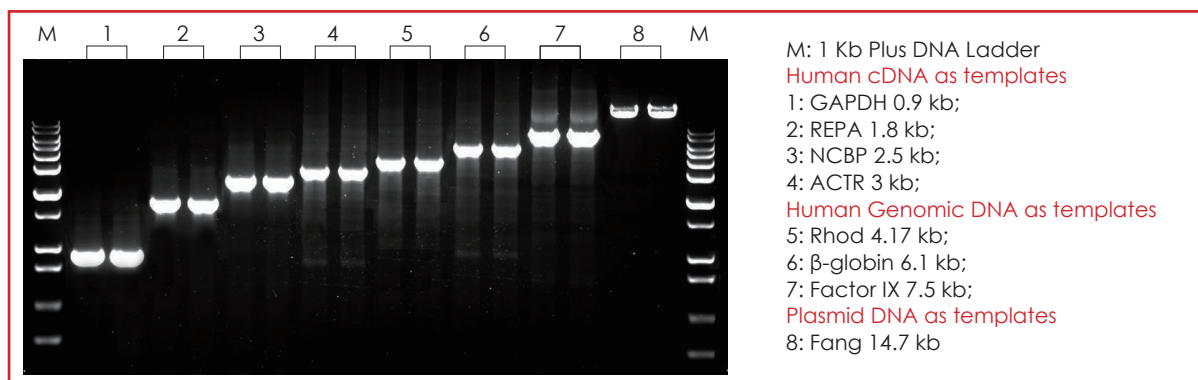
- ◆ Extension rate is about 2-4 kb/min.
- ◆ Fidelity is 54-fold higher than Taq Polymerase.
- ◆ Amplification of genomic DNA fragment up to 15 kb.
- ◆ Amplification of plasmid DNA fragment up to 20 kb.

TransStart® FastPfu Fly DNA Polymerase

- ◆ Fidelity is 108-fold higher than Taq Polymerase.
- ◆ Extension rate is about 2-6 kb/min.
- ◆ Amplification of genomic DNA fragment up to 15 kb.
- ◆ Amplification of plasmid DNA fragment up to 20 kb.

TransStart® KD Plus DNA Polymerase

- ◆ The fidelity is 108-fold higher than Taq Polymerase.
- ◆ Amplification of genomic DNA fragment up to 15 kb.
- ◆ Amplification of plasmid DNA fragment up to 20 kb.



2xTransStart® KD Plus PCR SuperMix

- ◆ The fidelity is 108-fold higher than Taq Polymerase.
- ◆ Ready-to-use mixture of DNA polymerase, salt, magnesium, dNTPs and other components for efficient PCR.

2xTransStart® FastPfu Fly PCR SuperMix

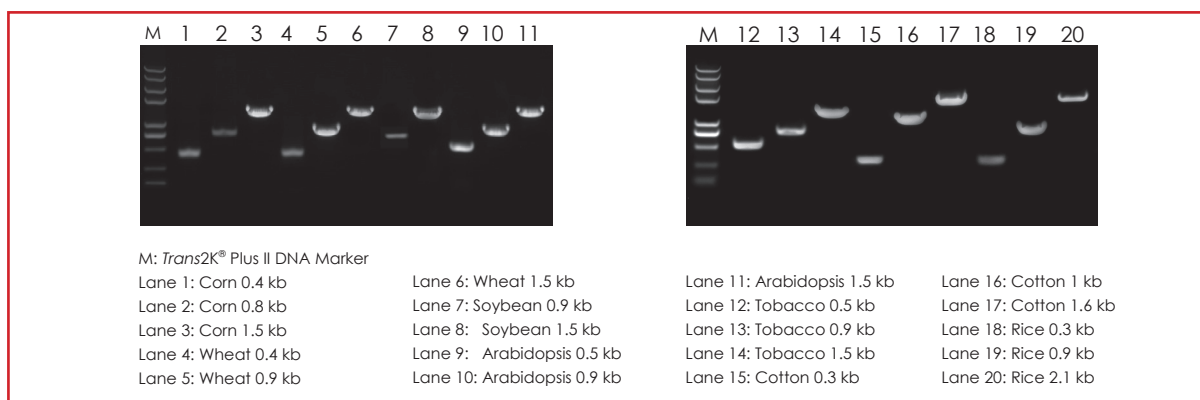
- ◆ Fidelity is 108-fold higher than Taq Polymerase.
- ◆ Extension rate is about 2-6 kb/min.
- ◆ Ready-to-use mixture of DNA polymerase, salt, magnesium, dNTPs and other components for efficient PCR.

TransDirect® PCR

TransDirect® PCR uses a proprietary formulated lysis reagent to release nucleic acids from a variety of fresh or frozen animal cells/tissues and plant tissues. Unpurified DNA is used as template for PCR using 2xTransDirect® PCR SuperMix which has extremely high resistance to PCR inhibitors found in animal tissues, plant tissues, and blood.

TransDirect® Plant Tissue PCR Kit

- ◆ Direct amplification from unpurified lysate.
- ◆ Suitable for high throughput applications.
- ◆ Amplification of genomic DNA fragment up to 2 kb.



TransDirect® Mouse Genotyping Kit

- ◆ Direct PCR amplification from crude lysate.
- ◆ Suitable for PCR-based rapid mouse genotyping.
- ◆ Easy-to-use and suitable for high-throughput applications.
- ◆ Suitable for multiplex PCR with up to 5 pairs of primers.

Product Name	Cat. NO	Specifications	Price (USD)	Promotion Price (USD)
TransTaq® DNA Polymerase High Fidelity (HiFi)	AP131-01	250 units	40.82	30.61
	AP131-02	500 units	75.80	56.85
	AP131-03	6×500 units	404.00	303.00
TransTaq® DNA Polymerase High Fidelity (HiFi) (with 2.5 mM dNTPs)	AP131-11	250 units	75.00	56.25
	AP131-12	500 units	140.00	105.00
	AP131-13	6×500 units	756.00	567.00
TransStart® TopTaq DNA Polymerase	AP151-01	250 units	64.14	48.10
	AP151-02	500 units	121.00	90.75
	AP151-03	6×500 units	587.00	440.25
TransStart® TopTaq DNA Polymerase (with 2.5 mM dNTPs)	AP151-11	250 units	67.06	50.29
	AP151-12	500 units	127.00	95.25
	AP151-13	6×500 units	625.00	468.75

Product Name	Cat. NO	Specifications	Price (USD)	Promotion Price (USD)
<i>TransStart</i> [®] <i>FastPfu</i> DNA Polymerase	AP221-01	250 units	80.17	60.13
	AP221-02	500 units	144.00	108.00
	AP221-03	6×500 units	726.00	544.50
<i>TransStart</i> [®] <i>FastPfu</i> DNA Polymerase (with 2.5 mM dNTPs)	AP221-11	250 units	83.09	62.32
	AP221-12	500 units	150.00	112.50
	AP221-13	6×500 units	762.00	571.50
<i>TransStart</i> [®] <i>FastPfu</i> Fly DNA Polymerase	AP231-01	250 units	175.00	131.25
	AP231-02	500 units	315.00	236.25
	AP231-03	6×500 units	1605.00	1203.75
<i>TransStart</i> [®] <i>FastPfu</i> Fly DNA Polymerase (with 2.5 mM dNTPs)	AP231-11	250 units	105.00	78.75
	AP231-12	500 units	190.00	142.50
	AP231-13	6×500 units	971.00	728.25
<i>TransStart</i> [®] KD Plus DNA Polymerase	AP301-01	100 units	75.80	56.85
	AP301-02	200 units	137.00	102.75
	AP301-03	6×200 units	691.00	518.25
<i>TransStart</i> [®] KD Plus DNA Polymerase (with 2.5 mM dNTPs)	AP301-11	100 units	78.72	59.04
	AP301-12	200 units	143.00	107.25
	AP301-13	6×200 units	726.00	544.50
2× <i>TransStart</i> [®] KD Plus PCR SuperMix (-dye)	AS301-01	1 ml	68.51	51.38
	AS301-02	5×1 ml	292.00	219.00
2× <i>TransStart</i> [®] <i>FastPfu</i> Fly PCR SuperMix (-dye)	AS231-01	1 ml	80.00	60.00
	AS231-02	5×1 ml	340.00	255.00
<i>TransDirect</i> [®] Plant Tissue PCR Kit	AD301-01	100 rxns×20 µl system	117.00	87.75
	AD301-02	500 rxns×20 µl system	496.00	372.00
<i>TransDirect</i> [®] Mouse Genotyping Kit	AD501-01	100 rxns×20 µl system	146.00	109.50
	AD501-02	500 rxns×20 µl system	620.00	465.00
<i>TransFast</i> [®] Taq DNA Polymerase	AP101-01	500 units	26.24	19.68
	AP101-02	6×500 units	131.00	98.25
<i>TransFast</i> [®] Taq DNA Polymerase (with 2.5 mM dNTPs)	AP101-11	500 units	32.07	24.05
	AP101-12	6×500 units	166.00	124.50
<i>EasyTaq</i> [®] DNA Polymerase	AP111-01	500 units	20.00	15.00
	AP111-02	6×500 units	100.00	75.00
	AP111-03	4×2500 units	317.00	237.75
	AP111-04	10×5000 units	1333.00	999.75
<i>EasyTaq</i> [®] DNA Polymerase (with 2.5 mM dNTPs)	AP111-11	500 units	27.00	20.25
	AP111-12	6×500 units	140.00	105.00
	AP111-13	4×2500 units	450.00	337.50
<i>EasyTaq</i> [®] DNA Polymerase for PAGE	AP112-01	2500 units	72.89	54.66
	AP112-02	4×2500 units	277.00	207.75
<i>EasyTaq</i> [®] DNA Polymerase for PAGE (with 2.5 mM dNTPs)	AP112-11	2500 units	102.00	76.50
	AP112-12	4×2500 units	394.00	295.50
<i>TransTaq</i> [®] -T DNA Polymerase	AP122-01	250 units	27.70	20.77
	AP122-02	500 units	52.48	39.36
	AP122-03	6×500 units	276.00	207.00

Product Name	Cat. NO	Specifications	Price (USD)	Promotion Price (USD)
<i>TransTaq</i> [®] -T DNA Polymerase (with 2.5 mM dNTPs)	AP122-11	250 units	30.61	22.96
	AP122-12	500 units	58.31	43.73
	AP122-13	6×500 units	312.00	234.00
<i>TransStart</i> [®] Taq DNA Polymerase	AP141-01	250 units	52.48	39.36
	AP141-02	500 units	97.67	73.25
	AP141-03	6×500 units	496.00	372.00
<i>TransStart</i> [®] Taq DNA Polymerase (with 2.5 mM dNTPs)	AP141-11	250 units	55.39	41.55
	AP141-12	500 units	105.00	78.75
	AP141-13	6×500 units	534.00	400.50
<i>EasyPfu</i> DNA Polymerase	AP211-01	250 units	26.24	19.68
	AP211-02	500 units	49.56	37.17
	AP211-03	6×500 units	262.00	196.50
<i>EasyPfu</i> DNA Polymerase (with 2.5 mM dNTPs)	AP211-11	250 units	29.15	21.87
	AP211-12	500 units	55.39	41.55
	AP211-13	6×500 units	297.00	222.75
2 × <i>EasyTaq</i> [®] PCR SuperMix (-dye)	AS111-01	1 ml	15.00	11.25
	AS111-02	5×1 ml	63.00	47.25
	AS111-03	15×1 ml	168.00	126.00
2 × <i>EasyTaq</i> [®] PCR SuperMix (+dye)	AS111-11	1 ml	26.24	19.68
	AS111-12	5×1 ml	109.00	81.75
	AS111-13	15×1 ml	292.00	219.00
	AS111-14	6×80 ml	6997.00	5247.75
2 × <i>EasyTaq</i> [®] PCR SuperMix for PAGE (+dye)	AS112-11	1 ml	26.24	19.68
	AS112-12	5×1 ml	109.00	81.75
	AS112-13	15×1 ml	292.00	219.00
2 × <i>TransTaq</i> [®] -T PCR SuperMix (-dye)	AS122-01	1 ml	39.36	29.52
	AS122-02	5×1 ml	168.00	126.00
2 × <i>TransTaq</i> [®] -T PCR SuperMix (+dye)	AS122-11	1 ml	39.36	29.52
	AS122-12	5×1 ml	168.00	126.00
2 × <i>TransTaq</i> [®] High Fidelity (HiFi) PCR SuperMix I (-dye)	AS131-01	1 ml	40.82	30.61
	AS131-02	5×1 ml	175.00	131.25
2 × <i>TransTaq</i> [®] High Fidelity (HiFi) PCR SuperMix II (-dye)	AS131-21	1 ml	40.82	30.61
	AS131-22	5×1 ml	175.00	131.25
2 × <i>EasyPfu</i> PCR SuperMix (-dye)	AS211-01	1 ml	39.36	29.52
	AS211-02	5×1 ml	168.00	126.00
2 × <i>TransStart</i> [®] <i>FastPfu</i> PCR SuperMix (-dye)	AS221-01	1 ml	72.89	54.66
	AS221-02	5×1 ml	310.00	232.50
<i>TransDirect</i> [®] Animal Tissue PCR Kit	AD201-01	100 rxns×20 µl system	131.00	98.25
	AD201-02	500 rxns×20 µl system	561.00	420.75
<i>TransDirect</i> [®] Blood PCR Kit	AD401-01	100 rxns×20 µl system	87.46	65.60
	AD401-02	500 rxns×20 µl system	372.00	279.00
High Pure dNTPs (2.5 mM)	AD101-01	1 ml	8.75	6.56
	AD101-02	5×1 ml	39.36	29.52
High Pure dNTPs (10 mM)	AD101-11	1 ml	32.07	24.05
	AD101-12	5×1 ml	144.00	108.00

3 DNA Marker

Transgen Biotech provides a broad range of double-strand DNA molecular weight markers for conventional electrophoresis. All DNA markers are generated from restriction enzymes digested plasmids. All DNA markers are in ready-to-use format.



Product Name	Cat. NO	Specifications	Price (USD)	Promotion Price (USD)
Trans2K [®] DNA Marker	BM101-01	500 µl	18.95	14.21
	BM101-02	5×500 µl	80.17	60.13
Trans2K [®] Plus DNA Marker	BM111-01	500 µl	18.95	14.21
	BM111-02	5×500 µl	80.17	60.13
Trans2K [®] Plus II DNA Marker	BM121-01	500 µl	18.95	14.21
	BM121-02	5×500 µl	80.17	60.13
Trans5K DNA Marker	BM141-01	500 µl	18.95	14.21
	BM141-02	5×500 µl	80.17	60.13
Trans8K DNA Marker	BM151-01	500 µl	18.95	14.21
	BM151-02	5×500 µl	80.17	60.13
Trans15K DNA Marker	BM161-01	500 µl	23.32	17.49
	BM161-02	5×500 µl	99.13	74.34
1Kb DNA Ladder	BM201-01	500 µl	18.95	14.21
	BM201-02	5×500 µl	80.17	60.13
1Kb Plus DNA Ladder	BM211-01	500 µl	29.15	21.87
	BM211-02	5×500 µl	124.00	93.00
100bp DNA Ladder	BM301-01	500 µl	23.32	17.49
	BM301-02	5×500 µl	99.13	74.34
100bp Plus DNA Ladder	BM311-01	500 µl	23.32	17.49
	BM311-02	5×500 µl	99.13	74.34
100bp Plus II DNA Ladder	BM321-01	500 µl	29.15	21.87
	BM321-02	5×500 µl	124.00	93.00
Trans DNA Marker I	BM401-01	500 µl	18.95	14.21
	BM401-02	5×500 µl	80.17	60.13
Trans DNA Marker II	BM411-01	500 µl	18.95	14.21
	BM411-02	5×500 µl	80.17	60.13

»» GelStain

GelStain is a sensitive, stable and safe staining reagent for DNA/RNA. GelStain uses the same wavelength as ethidium bromide (EB), and it is more sensitive than EB.

»» Agarose

Extremely pure, molecular biology grade Agarose from Transgen Biotech is free of DNase, RNase and protease. This product is suitable for routine analysis of nucleic acids by gel electrophoresis and blotting.

Product Name	Cat. NO	Specifications	Price (USD)	Promotion Price (USD)
GelStain	GS101-01	500 µl	87.46	65.60
	GS101-02	1 ml	157.00	117.75
	GS101-03	5×1 ml	708.00	531.00
Agarose	GS201-01	100 g	43.73	32.80

4 RNA Purification

TransZol Up

- ◆ Suitable for isolating RNA from a variety of species including animal, plant and bacteria.
- ◆ Superior lysis capability and higher RNA yield.
- ◆ The whole procedure can be completed in 1 hour.
- ◆ Pink solution for easy visualizing different phases.
- ◆ Unique dissolving solution for long-term RNA storage.

RNA yield from different samples

Material	Amount	RNA yield
Tobacco	100 mg	~10 µg
Human blood	200 µl	~2 µg
Human blood	2×10 ⁶ cells	~10 µg
Mouse liver	100 mg	~16 µg
Rat liver	100 mg	~28 µg

TransZol Up Plus RNA Kit

- ◆ Wide application: suitable for isolating RNA from a variety of species including human, animal, plant and bacteria.
- ◆ Powerful lysis capability: complete lysis, higher RNA yield and higher purity.
- ◆ Rapid extraction: the whole procedure can be completed in one hour.
- ◆ Visible operation: pink solution for easy visualizing different phases.

EasyPure[®] miRNA Kit

- ◆ A simple and fast column based method to isolate total RNA from animal cells, animal tissues, bacteria and yeast.
- ◆ RNA is free of protein contamination, and is suitable for RT-PCR, qRT-PCR and Northern Blot.

MagicPure[®] RNA Beads

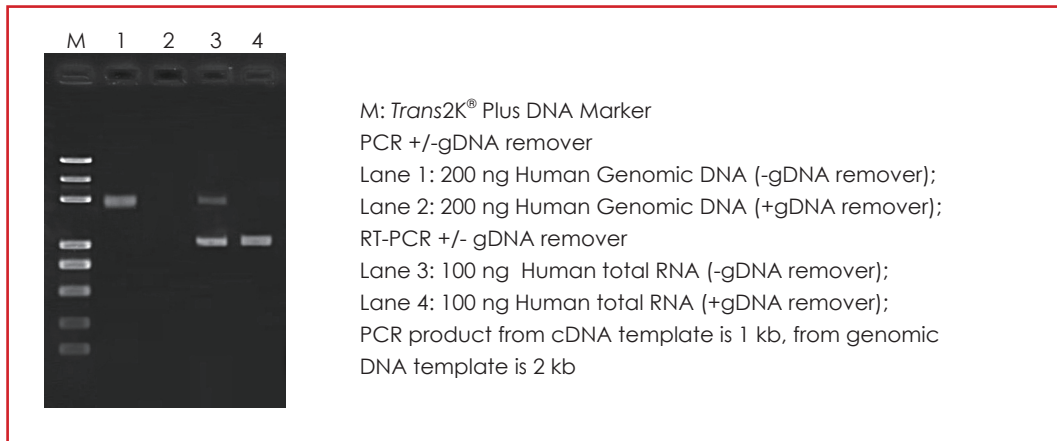
- ◆ Easily extract RNA from master mix of reaction such as rRNA depletion, DNase I digestion, in vitro transcription, labeled RNA and synthetic RNA.
- ◆ RNA is free of protein contamination, and is suitable for RT-PCR, qRT-PCR and Northern Blot.

Product Name	Cat. NO	Specifications	Price (USD)	Promotion Price (USD)
TransZol Up	ET111-01	100 ml	87.46	65.60
TransZol Up Plus RNA Kit	ER501-01	100 rxns	190.00	142.50
EasyPure [®] miRNA Kit	ER601-01	50 rxns	332.00	249.00
MagicPure [™] RNA Beads	EC501-01	1 ml	43.73	32.80
	EC501-02	5 ml	219.00	164.25
	EC501-03	60 ml	1166.00	874.50
MagicPure [®] Viral DNA/RNA Kit (with Magnetic Stand)	EC301-01	50 rxns	219.00	164.25
MagicPure [®] Viral DNA/RNA Kit (without Magnetic Stand)	EC301-11	50 rxns	190.00	142.50
TransZol	ET101-01	100 ml	72.89	54.66
TransZol Plant	ET121-01	100 ml	87.46	65.60
EasyPure [®] RNA Kit	ER101-01	50 rxns	172.00	129.00
EasyPure [®] Viral DNA/ RNA Kit	ER201-01	50 rxns	114.00	85.50
EasyPure [®] Plant RNA Kit	ER301-01	50 rxns	157.00	117.75
EasyPure [®] Blood RNA Kit	ER401-01	50 rxns	172.00	129.00

5 RT-PCR Reagent

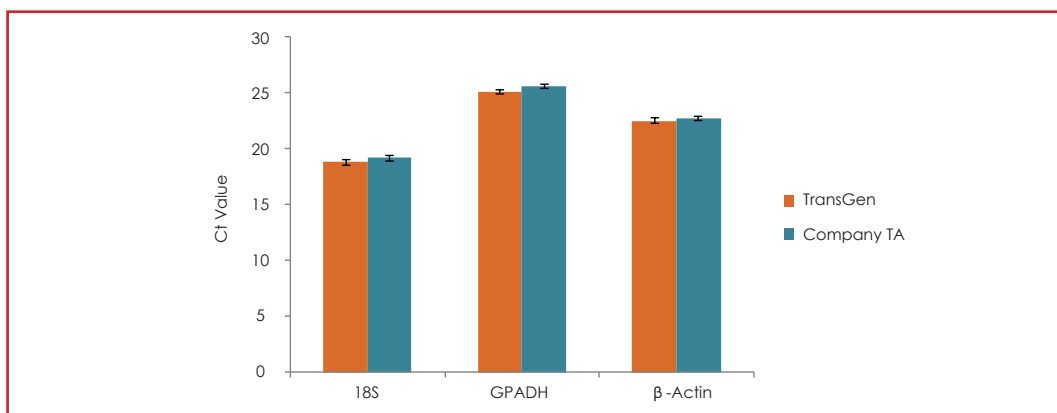
TransScript® One-Step gDNA Removal and cDNA Synthesis SuperMix

- ◆ Simultaneous genomic DNA removal and cDNA synthesis in one tube to minimize RNA contamination.
- ◆ 15 minutes reaction for qPCR-ready cDNA templates; 30 minutes reaction for PCR-ready cDNA templates.
- ◆ cDNA up to 12 kb.



TransScript® All-in-One First-Strand cDNA Synthesis SuperMix for qPCR (One-Step gDNA Removal)

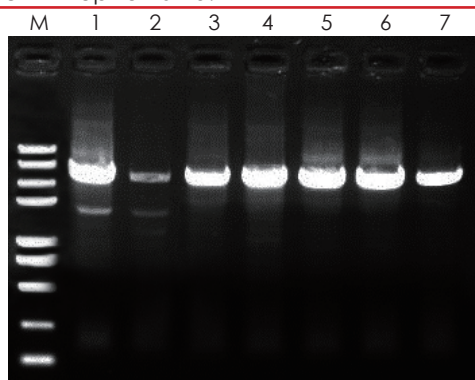
- ◆ Simultaneous genomic DNA removal and cDNA synthesis.
- ◆ The optimal ratio of oligo(dT) 18 primer to random primer(N9) for qPCR-ready cDNA.
- ◆ qPCR-ready cDNA in 15 minutes (unsuitable for PCR).
- ◆ cDNA up to 250 bp.



Ct Values in qPCR analysis with human total RNA as templates

TransScript®-Uni One-Step gDNA Removal and cDNA Synthesis SuperMix

- ◆ Broad range reaction temperature (42°C-65°C) .
- ◆ Simultaneous genomic DNA removal and cDNA synthesis in one tube to minimize RNA contamination.
- ◆ 15 minutes reaction for qPCR-ready cDNA templates; 30 minutes reaction for PCR-ready cDNA templates.
- ◆ cDNA up to 20 kb.



M: *Trans2K*® Plus II DNA Marker
 Lane 1: Company A kit, 42°C
 Lane 2: Company B kit, 42°C
 Lane 3: *TransScript*®-Uni, 42°C
 Lane 4: *TransScript*®-Uni, 50°C
 Lane 5: *TransScript*®-Uni, 55°C
 Lane 6: *TransScript*®-Uni, 60°C
 Lane 7: *TransScript*®-Uni, 65°C
 Human cDNA as template, VIN 4.6 kb

Product Name	Cat. NO	Specifications	Price (USD)	Promotion Price (USD)
<i>TransScript</i> ® One-Step gDNA Removal and cDNA Synthesis SuperMix	AT311-02	50 rxns×20 µl system	146.00	109.50
	AT311-03	100 rxns×20 µl system	262.00	196.50
<i>TransScript</i> ® All-in-One First-Strand cDNA Synthesis SuperMix for qPCR (One-Step gDNA Removal)	AT341-01	50 rxns×20 µl system	160.00	120.00
	AT341-02	100 rxns×20 µl system	289.00	216.75
<i>TransScript</i> ® -Uni One-Step gDNA Removal and cDNA Synthesis SuperMix	AU311-02	50 rxns×20 µl system	335.00	251.25
	AU311-03	100 rxns×20 µl system	598.00	448.50
<i>TransScript</i> ® Reverse Transcriptase	AT101-02	10000 units	87.46	65.60
	AT101-03	5×10000 units	394.00	295.50
<i>EasyScript</i> ® First-Strand cDNA Synthesis SuperMix	AE301-02	50 rxns×20 µl system	89.00	66.75
	AE301-03	100 rxns×20 µl system	160.00	120.00
<i>EasyScript</i> ® One-Step gDNA Removal and cDNA Synthesis SuperMix	AE311-02	50 rxns×20 µl system	102.00	76.50
	AE311-03	100 rxns×20 µl system	184.00	138.00
<i>TransScript</i> ® First-Strand cDNA Synthesis SuperMix	AT301-02	50 rxns×20 µl system	124.00	93.00
	AT301-03	100 rxns×20 µl system	223.00	167.25
<i>TransScript</i> ® Fly First-Strand cDNA Synthesis SuperMix	AF301-02	50 rxns×20 µl system	175.00	131.25
	AF301-03	100 rxns×20 µl system	315.00	236.25
<i>TransScript</i> ® II First-Strand cDNA Synthesis SuperMix	AH301-02	50 rxns×20 µl system	255.00	191.25
	AH301-03	100 rxns×20 µl system	459.00	344.25
<i>TransScript</i> ® II One-Step gDNA Removal and cDNA Synthesis SuperMix	AH311-02	50 rxns×20 µl system	292.00	219.00
	AH311-03	100 rxns×20 µl system	525.00	393.75
<i>TransScript</i> ® II All-in-One First-Strand cDNA Synthesis SuperMix for qPCR (One-Step gDNA Removal)	AH341-01	50 rxns×20 µl system	306.00	229.50
<i>TransScript</i> ® miRNA First-Strand cDNA Synthesis SuperMix	AT351-01	20 rxns×20 µl system	321.00	240.75
Ribonuclease Inhibitor	AI101-02	5×2000 units	144.00	108.00
<i>TransScript</i> ® All-in-One First-Strand cDNA Synthesis SuperMix for PCR	AT321-01	50 rxns×20 µl system	175.00	131.25
<i>TransScript</i> ® II All-in-One First-Strand cDNA Synthesis SuperMix for PCR	AH321-01	50 rxns×20 µl system	321.00	240.75
<i>TransScript</i> ® II Reverse Transcriptase	AH101-02	10000 units	219.00	164.25
<i>TransScript</i> ® Two-Step RT-PCR SuperMix	AT401-01	50 rxns×20 µl/80 rxns×50 µl (RT system/PCR system)	204.00	153.00
<i>TransScript</i> ® II Two-Step RT-PCR SuperMix	AH401-01	50 rxns×20 µl/80 rxns×50 µl (RT system/PCR system)	350.00	262.50
<i>TransScript</i> ® One-Step RT-PCR SuperMix (+dye)	AE411-02	200 rxns×20 µl system	200.00	150.00
<i>TransScript</i> ® One-Step RT-PCR SuperMix (+dye)	AT411-02	200 rxns×20 µl system	252.00	189.00
<i>TransScript</i> ® II One-Step RT-PCR SuperMix (+dye)	AH411-02	200 rxns×20 µl system	442.00	331.50

6 qPCR Reagent

TransStart® Top Green qPCR SuperMix

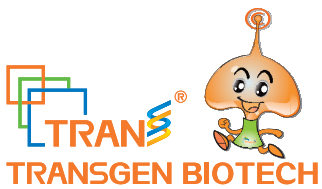
- ◆ TransStart® TopTaq DNA Polymerase, hot start with double blocking technique, improves sensitivity, enhances specificity and generates more accurate data.
- ◆ Double cation (K⁺, NH₄⁺) buffer enhances specificity and reduces primer-dimer formation.
- ◆ Passive reference dyes are provided for different qPCR instruments.

TransStart® Tip Green qPCR SuperMix

A combination of chemical blocking technique with TransStart® hot start technique to achieve complete blocking. Compared with double blocking TransStart® TopTaq, this method provides higher sensitivity, higher specificity, better amplification.

- ◆ Double cation (K⁺, NH₄⁺) buffer enhances specificity and reduces primer-dimer formation.
- ◆ Passive reference dyes are provided for different qPCR instruments.

Product Name	Cat. NO	Specifications	Price (USD)	Promotion Price (USD)
TransStart® Top Green qPCR SuperMix	AQ131-02	5×1 ml	262.00	196.50
	AQ131-03	15×1 ml	700.00	525.00
	AQ131-04	25×1 ml	1020.00	765.00
TransStart® Top Green qPCR SuperMix (+Dye I)	AQ132-12	5×1 ml	262.00	196.50
	AQ132-13	15×1 ml	700.00	525.00
	AQ132-14	25×1 ml	1020.00	765.00
TransStart® Top Green qPCR SuperMix (+Dye II)	AQ132-22	5×1 ml	262.00	196.50
	AQ132-23	15×1 ml	700.00	525.00
	AQ132-24	25×1 ml	1020.00	765.00
TransStart® Tip Green qPCR SuperMix	AQ141-02	5×1 ml	219.00	164.25
	AQ141-03	15×1 ml	700.00	525.00
	AQ141-04	25×1 ml	1020.00	765.00
TransStart® Tip Green qPCR SuperMix (+Dye I)	AQ142-12	5×1 ml	219.00	164.25
	AQ142-13	15×1 ml	700.00	525.00
	AQ142-14	25×1 ml	1020.00	765.00
TransStart® Tip Green qPCR SuperMix (+Dye II)	AQ142-22	5×1 ml	219.00	164.25
	AQ142-23	15×1 ml	700.00	525.00
	AQ142-24	25×1 ml	1020.00	765.00
TransStart® Green qPCR SuperMix UDG	AQ111-02	5×1 ml	292.00	219.00
	AQ111-03	15×1 ml	787.00	590.25
TransStart® Probe qPCR SuperMix	AQ401-02	5×1 ml	233.00	174.75
	AQ401-03	15×1 ml	612.00	459.00
TransStart® Green qPCR SuperMix	AQ101-02	5×1 ml	233.00	174.75
	AQ101-03	15×1 ml	612.00	459.00
TransScript® Green miRNA Two-Step qRT-PCR SuperMix	AQ202-01	20 rxns×20 µl/500 rxns×20 µl (RT system/qPCR system)	466.00	349.50
TransScript® Green Two-Step qRT-PCR SuperMix	AQ201-01	50 rxns×20 µl/300 rxns×20 µl (RT system/qPCR system)	248.00	186.00
TransScript® II Green Two-Step qRT-PCR SuperMix	AQ301-01	50 rxns×20 µl/300 rxns×20 µl (RT system/qPCR system)	394.00	295.50
TransScript® Green One-Step qRT-PCR SuperMix	AQ211-01	100 rxns×20 µl system	105.00	78.75
	AQ211-02	400 rxns×20 µl system	338.00	253.50
TransScript® II Green One-Step qRT-PCR SuperMix	AQ311-01	100 rxns×20 µl system	187.00	140.25
	AQ311-02	400 rxns×20 µl system	606.00	454.50
TransScript® Probe One-Step qRT-PCR SuperMix	AQ221-01	100 rxns×20 µl system	105.00	78.75
	AQ221-02	400 rxns×20 µl system	338.00	253.50
TransScript® II Probe One-Step qRT-PCR SuperMix	AQ321-01	100 rxns×20 µl system	187.00	140.25
	AQ321-02	400 rxns×20 µl system	606.00	454.50



Phone: +86-10-57815027
Fax: +86-10-57815011
Customer Service: +86-400-898-0321
E-mail: info@transgenbiotech.com
Technical Service: trans@transgen.com.cn
Website: www.transgenbiotech.com