

# 2016 Product Catalog and Price list

## PCR、RT-PCR、qPCR and qRT-PCR

Product Name	Cat. No.	Specification	Official Price (JPY)
<i>TransFast</i> <sup>®</sup> <i>Taq</i> DNA Polymerase	AP101-01	500 units	3240
	AP101-02	6×500 units	16200
<i>TransFast</i> <sup>®</sup> <i>Taq</i> DNA Polymerase (with 2.5 mM dNTPs)	AP101-11	500 units	3960
	AP101-12	6×500 units	20520
<i>EasyTaq</i> <sup>®</sup> DNA Polymerase	AP111-01	500 units	2160
	AP111-02	6×500 units	10800
	AP111-03	4×2500 units	34200
	AP111-04	10×5000 units	144000
<i>EasyTaq</i> <sup>®</sup> DNA Polymerase (with 2.5 mM dNTPs)	AP111-11	500 units	2880
	AP111-12	6×500 units	15120
	AP111-13	4×2500 units	48600
<i>EasyTaq</i> <sup>®</sup> DNA Polymerase for PAGE	AP112-01	2500 units	9000
	AP112-02	4×2500 units	34200
<i>EasyTaq</i> <sup>®</sup> DNA Polymerase for PAGE (with 2.5 mM dNTPs)	AP112-11	2500 units	12600
	AP112-12	4×2500 units	48600
<i>TransTaq</i> <sup>®</sup> - T DNA Polymerase	AP122-01	250 units	3420
	AP122-02	500 units	6480
	AP122-03	6×500 units	34020
<i>TransTaq</i> <sup>®</sup> -T DNA Polymerase (with 2.5 mM dNTPs)	AP122-11	250 units	3780
	AP122-12	500 units	7200
	AP122-13	6×500 units	38520
<i>TransTaq</i> <sup>®</sup> DNA Polymerase High Fidelity (HiFi)	AP131-01	250 units	5040
	AP131-02	500 units	9360
	AP131-03	6×500 units	49860
<i>TransTaq</i> <sup>®</sup> DNA Polymerase High Fidelity (HiFi) (with 2.5 mM dNTPs)	AP131-11	250 units	5400
	AP131-12	500 units	10080
	AP131-13	6×500 units	54450
<i>TransStart</i> <sup>®</sup> <i>Taq</i> DNA Polymerase	AP141-01	250 units	6480
	AP141-02	500 units	12060
	AP141-03	6×500 units	61200
<i>TransStart</i> <sup>®</sup> <i>Taq</i> DNA Polymerase (with 2.5 mM dNTPs)	AP141-11	250 units	6840
	AP141-12	500 units	12960
	AP141-13	6×500 units	65880
<i>TransStart</i> <sup>®</sup> <i>TopTaq</i> DNA Polymerase	AP151-01	250 units	7920
	AP151-02	500 units	14940
	AP151-03	6×500 units	72540
<i>TransStart</i> <sup>®</sup> <i>TopTaq</i> DNA Polymerase (with 2.5 mM dNTPs)	AP151-11	250 units	8280
	AP151-12	500 units	15660
	AP151-13	6×500 units	77220

<i>EasyPfu</i> DNA Polymerase	AP211-01	250 units	3240
	AP211-02	500 units	6120
	AP211-03	6×500 units	32400
<i>EasyPfu</i> DNA Polymerase (with 2.5 mM dNTPs)	AP211-11	250 units	3600
	AP211-12	500 units	6840
	AP211-13	6×500 units	36720
<i>TransStart</i> <sup>®</sup> <i>FastPfu</i> DNA Polymerase	AP221-01	250 units	9900
	AP221-02	500 units	17820
	AP221-03	6×500 units	89640
<i>TransStart</i> <sup>®</sup> <i>FastPfu</i> DNA Polymerase (with 2.5 mM dNTPs)	AP221-11	250 units	10260
	AP221-12	500 units	18540
	AP221-13	6×500 units	94140
<i>TransStart</i> <sup>®</sup> <i>FastPfu Fly</i> DNA Polymerase	AP231-01	250 units	12600
	AP231-02	500 units	22680
	AP231-03	6×500 units	115560
<i>TransStart</i> <sup>®</sup> <i>FastPfu Fly</i> DNA Polymerase (with 2.5 mM dNTPs)	AP231-11	250 units	12960
	AP231-12	500 units	23400
	AP231-13	6×500 units	119880
<i>TransStart</i> <sup>®</sup> <i>KD Plus</i> DNA Polymerase	AP301-01	100 units	9360
	AP301-02	200 units	16920
	AP301-03	6×200 units	85320
<i>TransStart</i> <sup>®</sup> <i>KD Plus</i> DNA Polymerase (with 2.5 mM dNTPs)	AP301-11	100 units	9720
	AP301-12	200 units	17640
	AP301-13	6×200 units	89640
GC Enhancer	AG101-01	200 µl	1440
PCR Stimulant	AG111-01	200 µl	1440
2× <i>EasyTaq</i> <sup>®</sup> PCR SuperMix ( -dye )	AS111-01	1 ml	3240
	AS111-02	5×1 ml	13500
	AS111-03	15×1 ml	36000
2× <i>EasyTaq</i> <sup>®</sup> PCR SuperMix ( +dye )	AS111-11	1 ml	3240
	AS111-12	5×1 ml	13500
	AS111-13	15×1 ml	36000
	AS111-14	6×80 ml	864000
2× <i>EasyTaq</i> <sup>®</sup> PCR SuperMix for PAGE (+dye )	AS112-11	1 ml	3240
	AS112-12	5×1 ml	13500
	AS112-13	15×1 ml	36000
2× <i>TransTaq</i> <sup>®</sup> -T PCR SuperMix (-dye)	AS122-01	1 ml	4860
	AS122-02	5×1 ml	20700
2× <i>TransTaq</i> <sup>®</sup> -T PCR SuperMix ( +dye )	AS122-11	1 ml	4860
	AS122-12	5×1 ml	20700
2× <i>TransTaq</i> <sup>®</sup> High Fidelity (HiFi) PCR SuperMix I (-dye )	AS131-01	1 ml	5040
	AS131-02	5×1 ml	21600
2× <i>TransTaq</i> <sup>®</sup> High Fidelity (HiFi) PCR SuperMix II (-dye)	AS131-21	1 ml	5040
	AS131-22	5×1 ml	21600

2× <i>EasyPfu</i> PCR SuperMix (-dye )	AS211-01	1 ml	4860
	AS211-02	5×1 ml	20700
2× <i>TransStart</i> <sup>®</sup> <i>FastPfu</i> PCR SuperMix (-dye )	AS221-01	1 ml	9000
	AS221-02	5×1 ml	38340
<i>TransDirect</i> <sup>®</sup> Animal Tissue PCR Kit	AD201-01	100 rxns×20 μ lSystems	16200
	AD201-02	500 rxns×20 μ lSystems	69300
<i>TransDirect</i> <sup>®</sup> Plant Tissue PCR Kit	AD301-01	100 rxns×20 μ lSystems	14400
	AD301-02	500 rxns×20 μ lSystems	61200
<i>TransDirect</i> <sup>®</sup> Blood PCR Kit	AD401-01	100 rxns×20 μ lSystems	10800
	AD401-02	500 rxns×20 μ lSystems	45900
<i>EasyScript</i> <sup>®</sup> Reverse Transcriptase	AE101-02	10000 units	6480
	AE101-03	5×10000 units	28800
<i>TransScript</i> <sup>®</sup> Reverse Transcriptase	AT101-02	10000 units	10800
	AT101-03	5×10000 units	48600
<i>TransScript</i> <sup>®</sup> II Reverse Transcriptase	AH101-02	10000 units	27000
<i>EasyScript</i> <sup>®</sup> First-Strand cDNA Synthesis SuperMix	AE301-02	50 rxns×20 μl Systems	10980
	AE301-03	100 rxns×20 μl Systems	19800
<i>EasyScript</i> <sup>®</sup> One-Step gDNA Removal and cDNA Synthesis SuperMix	AE311-02	50 rxns×20 μl Systems	12600
	AE311-03	100 rxns×20 μl Systems	22680
<i>TransScript</i> <sup>®</sup> First-Strand cDNA Synthesis SuperMix	AT301-02	50 rxns×20 μl Systems	15300
	AT301-03	100 rxns×20 μl Systems	27540
<i>TransScript</i> <sup>®</sup> One-Step gDNA Removal and cDNA Synthesis SuperMix	AT311-02	50 rxns×20 μl Systems	18000
	AT311-03	100 rxns×20 μl Systems	32400
<i>TransScript</i> <sup>®</sup> Fly First-Strand cDNA Synthesis SuperMix	AF301-02	50 rxns×20 μl Systems	21600
	AF301-03	100 rxns×20 μl Systems	38880
<i>TransScript</i> <sup>®</sup> -Uni One-Step gDNA Removal and cDNA Synthesis SuperMix	AU311-02	50 rxns×20 μl Systems	41400
	AU311-03	100 rxns×20 μl Systems	73800
<i>TransScript</i> <sup>®</sup> -Uni Cell to cDNA Synthesis SuperMix for qPCR	AC301-01	25 rxns	36000
<i>TransScript</i> <sup>®</sup> miRNA First-Strand cDNA Synthesis SuperMix	AT351-01	20 rxns×20 μl Systems	39600
<i>TransScript</i> <sup>®</sup> II First-Strand cDNA Synthesis SuperMix	AH301-02	50 rxns×20 μl Systems	31500
	AH301-03	100 rxns×20 μl Systems	56700

<i>TransScript</i> <sup>®</sup> II One-Step gDNA Removal and cDNA Synthesis SuperMix	AH311-02	50 rxns×20 µl Systems	36000
	AH311-03	100 rxns×20 µl Systems	64800
<i>TransScript</i> <sup>®</sup> All-in-One First-Strand cDNA Synthesis SuperMix for PCR	AT321-01	50 rxns×20 µl Systems	21600
<i>TransScript</i> <sup>®</sup> All-in-One First-Strand cDNA Synthesis SuperMix for qPCR (One-Step gDNA Removal )	AT341-01	50 rxns×20 µl Systems	19800
	AT341-02	100 rxns ×20 µl Systems	35640
<i>TransScript</i> <sup>®</sup> II All-in-One First-Strand cDNA Synthesis SuperMix for PCR	AH321-01	50 rxns×20 µl Systems	39600
<i>TransScript</i> <sup>®</sup> II All-in-One First-Strand cDNA Synthesis SuperMix for qPCR (One-Step gDNA Removal )	AH341-01	50 rxns×20 µl Systems	37800
<i>TransScript</i> <sup>®</sup> Two-Step RT-PCR SuperMix	AT401-01	RT Systems/PCR Systems	25200
		50 rxns×20 µl/80 rxns ×50 µl	0
<i>TransScript</i> <sup>®</sup> II Two-Step RT-PCR SuperMix	AH401-01	RT Systems/PCR Systems	43200
		50 rxns×20 µl/80 rxns ×50 µl	0
<i>EasyScript</i> <sup>®</sup> One-Step RT-PCR SuperMix (+dye)	AE411-02	200 rxns×20 µl Systems	24660 0
<i>TransScript</i> <sup>®</sup> One-Step RT-PCR SuperMix (+dye)	AT411-02	200 rxns×20 µl Systems	31140 0
<i>TransScript</i> <sup>®</sup> II One-Step RT-PCR SuperMix (+dye)	AH411-02	200 rxns×20 µl Systems	54540 0
Rinbonuclease Inhibitor	AI101-01	2000 units	3960
	AI101-02	5×2000 units	17820
<i>TransStart</i> <sup>®</sup> Green qPCR SuperMix	AQ101-01	1 ml	6300
	AQ101-02	5×1 ml	28800
	AQ101-03	15×1 ml	75600
<i>TransStart</i> <sup>®</sup> Green qPCR SuperMix UDG	AQ111-01	1 ml	9000
	AQ111-02	5×1 ml	36000
	AQ111-03	15×1 ml	97200
<i>TransStart</i> <sup>®</sup> Top Green qPCR SuperMix	AQ131-01	1 ml	7200
	AQ131-02	5×1 ml	32400
	AQ131-03	15×1 ml	86400
	AQ131-04	25×1 ml	126000
<i>TransStart</i> <sup>®</sup> Tip Green qPCR SuperMix	AQ141-01	1 ml	7200
	AQ141-02	5×1 ml	32400
	AQ141-03	15×1 ml	86400
	AQ141-04	25×1 ml	126000
<i>TransScript</i> <sup>®</sup> Green Two-Step qRT-PCR SuperMix	AQ201-01	RTSystems/qPCRSyst ems	30600
		50 rxns×20 µl/300 rxns×20 µl	0

<i>TransScript</i> <sup>®</sup> Green miRNA Two-Step qRT-PCR SuperMix	AQ202-01	RTSystems/qPCRSyst ems	57600
		20 rxns×20 µl/500 rxns×20 µl	0
<i>TransScript</i> <sup>®</sup> II Green Two-Step qRT-PCR SuperMix	AQ301-01	RTSystems/qPCRSyst ems	48600
		50 rxns×20 µl/300 rxns×20 µl	0
<i>TransScript</i> <sup>®</sup> Green One-Step qRT-PCR SuperMix	AQ211-01	100 rxns×20 µ lSystems	12960
	AQ211-02	400 rxns×20 µ lSystems	41760
<i>TransScript</i> <sup>®</sup> II Green One-Step qRT-PCR SuperMix	AQ311-01	100 rxns×20 µ lSystems	23040
	AQ311-02	400 rxns×20 µ lSystems	74880
<i>TransStart</i> <sup>®</sup> Probe qPCR SuperMix	AQ401-01	1 ml	6300
	AQ401-02	5×1 ml	28800
	AQ401-03	15×1 ml	75600
<i>TransScript</i> <sup>®</sup> Probe One-Step qRT-PCR SuperMix	AQ221-01	100 rxns×20 µ lSystems	12960
	AQ221-02	400 rxns×20 µ lSystems	41760
<i>TransScript</i> <sup>®</sup> II Probe One-Step qRT-PCR SuperMix	AQ321-01	100 rxns×20 µ lSystems	23040
	AQ321-02	400 rxns×20 µ lSystems	74880
High Pure dNTPs (2.5 mM)	AD101-01	1 ml	1080
	AD101-02	5×1 ml	4860
High Pure dNTPs (10 mM)	AD101-11	1 ml	3960
	AD101-12	5×1 ml	17820

## Fast Restriction Enzymes

<i>FlyCut</i> <sup>™</sup> AvrII	JA101-01	50 units	5040
	JA101-02	100 units	9540
<i>FlyCut</i> <sup>™</sup> BamHI	JB101-01	5000 units	1620
	JB101-02	10000 units	3060
<i>FlyCut</i> <sup>™</sup> BglII	JB201-01	1000 units	3600
	JB201-02	2000 units	6840
<i>FlyCut</i> <sup>™</sup> BspI	JB301-01	50 units	8550
	JB301-02	100 units	16200
<i>FlyCut</i> <sup>™</sup> EagI	JE101-01	250 units	4140
	JE101-02	500 units	7740
<i>FlyCut</i> <sup>™</sup> EcoRI	JE201-01	5000 units	1170
	JE201-02	10000 units	2160
<i>FlyCut</i> <sup>™</sup> EcoRV	JE301-01	2000 units	1980
	JE301-02	4000 units	3780
<i>FlyCut</i> <sup>™</sup> HpaIII	JH101-01	5000 units	2700

<i>FlyCut</i> <sup>TM</sup> KpnI	JH101-02	10000 units	5130
<i>FlyCut</i> <sup>TM</sup> KpnI	JK101-01	2000 units	3240
	JK101-02	4000 units	6030
<i>FlyCut</i> <sup>TM</sup> NcoI	JN101-01	500 units	3600
	JN101-02	1000 units	6750
<i>FlyCut</i> <sup>TM</sup> NdeI	JN201-01	2000 units	1890
	JN201-02	4000 units	3600
<i>FlyCut</i> <sup>TM</sup> NheI	JN301-01	500 units	4050
	JN301-02	1000 units	7740
<i>FlyCut</i> <sup>TM</sup> NotI	JN401-01	250 units	3780
	JN401-02	500 units	7020
<i>FlyCut</i> <sup>TM</sup> PstI	JP101-01	5000 units	1440
	JP101-02	10000 units	2700
<i>FlyCut</i> <sup>TM</sup> PvuI	JP201-01	250 units	6480
	JP201-02	500 units	12330
<i>FlyCut</i> <sup>TM</sup> SacI	JS101-01	1000 units	1800
	JS101-02	2000 units	3420
<i>FlyCut</i> <sup>TM</sup> SacII	JS201-01	1000 units	3600
	JS201-02	2000 units	6840
<i>FlyCut</i> <sup>TM</sup> SalI	JS301-01	1000 units	1080
	JS301-02	2000 units	1980
<i>FlyCut</i> <sup>TM</sup> ScaI	JS401-01	500 units	900
	JS401-02	1000 units	1710
<i>FlyCut</i> <sup>TM</sup> SmaI	JS501-01	1000 units	1800
	JS501-02	2000 units	3420
<i>FlyCut</i> <sup>TM</sup> SpeI	JS601-01	250 units	3960
	JS601-02	500 units	7560
<i>FlyCut</i> <sup>TM</sup> SphI	JS701-01	250 units	2430
	JS701-02	500 units	4590
<i>FlyCut</i> <sup>TM</sup> XbaI	JX101-01	1500 units	900
	JX101-02	3000 units	1710
<i>FlyCut</i> <sup>TM</sup> XhoI	JX201-01	2500 units	2250
	JX201-02	5000 units	4320
<i>FlyCut</i> <sup>TM</sup> XmaI	JX301-01	250 units	3960
	JX301-02	500 units	7560

### DNA Molecular Weight Standards

<i>Trans</i> 2K <sup>®</sup> DNA Marker	BM101-01	500 $\mu$ l	2340
	BM101-02	5 $\times$ 500 $\mu$ l	9900
<i>Trans</i> 2K <sup>®</sup> Plus DNA Marker	BM111-01	500 $\mu$ l	2340
	BM111-02	5 $\times$ 500 $\mu$ l	9900
<i>Trans</i> 2K <sup>®</sup> Plus II DNA Marker	BM121-01	500 $\mu$ l	2340
	BM121-02	5 $\times$ 500 $\mu$ l	9900

<i>Trans</i> 5K DNA Marker	BM141-01	500 µl	2340
	BM141-02	5×500 µl	9900
<i>Trans</i> 15K DNA Marker	BM161-01	500 µl	2880
	BM161-02	5×500 µl	12240
1Kb DNA Ladder	BM201-01	500 µl	2340
	BM201-02	5×500 µl	9900
1Kb Plus DNA Ladder	BM211-01	500 µl	3600
	BM211-02	5×500 µl	15300
100bp DNA Ladder	BM301-01	500 µl	2880
	BM301-02	5×500 µl	12240
100bp Plus DNA Ladder	BM311-01	500 µl	2880
	BM311-02	5×500 µl	12240
100bp Plus II DNA Ladder	BM321-01	500 µl	3600
	BM321-02	5×500 µl	15300
6×DNA Loading Buffer	GH101-01	5×1 ml	810
GelStain	GS101-01	500 µl	10800
	GS101-02	1 ml	19440
	GS101-03	5×1 ml	87480
Agarose	GS201-01	100 g	5400

### Cloning and Mutagenesis System

<i>pEASY</i> <sup>®</sup> -T1 Cloning Kit	CT101-01	20 rxns	10440
	CT101-02	60 rxns	27720
<i>pEASY</i> <sup>®</sup> -Blunt Cloning Kit	CB101-01	20 rxns	10440
	CB101-02	60 rxns	27720
<i>pEASY</i> <sup>®</sup> -T1 Simple Cloning Kit	CT111-01	20 rxns	10440
	CT111-02	60 rxns	27720
<i>pEASY</i> <sup>®</sup> -Blunt Simple Cloning Kit	CB111-01	20 rxns	10440
	CB111-02	60 rxns	27720
<i>pEASY</i> <sup>®</sup> -T3 Cloning Kit	CT301-01	20 rxns	10440
	CT301-02	60 rxns	27720
<i>pEASY</i> <sup>®</sup> -Blunt3 Cloning Kit	CB301-01	20 rxns	10440
	CB301-02	60 rxns	27720
<i>pEASY</i> <sup>®</sup> -T5 Zero Cloning Kit	CT501-01	20 rxns	13320
	CT501-02	60 rxns	35280
<i>pEASY</i> <sup>®</sup> -Blunt Zero Cloning Kit	CB501-01	20 rxns	13320
	CB501-02	60 rxns	35280
<i>pEASY</i> <sup>®</sup> -Uni Seamless Cloning and Assembly Kit	CU101-01	10 rxns	16200
IPTG	GF101-01	1 ml	900
X-gal	GF201-01	1 ml	1620
Ampicillin	GG101-01	1 ml	720
Kanamycin	GG201-01	1 ml	540
<i>Trans</i> 10 Chemically Competent Cell	CD101-01	10×100 µl	3060

	CD101-02	20×100 µl	5400
<i>Trans 5α</i> Chemically Competent Cell	CD201-01	10×100 µl	3060
	CD201-02	20×100 µl	5400
<i>Trans 109</i> Chemically Competent Cell	CD301-02	10×100 µl	3600
	CD301-03	20×100 µl	6840
<i>Trans 110</i> Chemically Competent Cell	CD311-02	10×100 µl	5400
<i>Trans 1-Blue</i> Chemically Competent Cell	CD401-02	10×100 µl	3600
	CD401-03	20×100 µl	6840
<i>Trans 2-Blue</i> Chemically Competent Cell	CD411-02	10×100 µl	5220
	CD411-03	20×100 µl	9720
<i>Trans 1-T1</i> Phage Chemically Comptent Cell	CD501-01	5×100 µl	2160
	CD501-02	10×100 µl	3960
	CD501-03	20×100 µl	7200
DMT Chemically Competent Cell	CD511-01	10×50 µl	3060
	CD511-02	20×50 µl	4680
<i>TransStbl3</i> Chemically Competent Cell	CD521-01	10×100 µl	5940
<i>TransDB3.1</i> Chemically Competent Cell	CD531-01	10×100 µl	7200
<i>Fast</i> Mutagenesis System	FM111-01	10 rxns	12960
	FM111-02	20 rxns	22320
<i>Fast MultiSite</i> Mutagenesis System	FM201-01	10 rxns	32400

## Nucleic Acid Purification

<i>BloodZol</i>	EE131-01	For 50 ml Blood	6300
	EE131-02	For 200 ml Blood	21600
<i>PlantZol</i>	EE141-01	100 ml	14040
<i>EasyPure</i> ® Genomic DNA Kit	EE101-01	50 rxns	9000
	EE101-02	200 rxns	32400
<i>EasyPure</i> ® Genomic DNA Kit (No RNase A)	EE101-11	50 rxns	7560
	EE101-12	200 rxns	26640
<i>EasyPure</i> ® Plant Genomic DNA Kit	EE111-01	50 rxns	8100
	EE111-02	200 rxns	28800
<i>EasyPure</i> ® Plant Genomic DNA Kit(No RNase A)	EE111-11	50 rxns	7200
	EE111-12	200 rxns	25920
<i>EasyPure</i> ® Blood Genomic DNA Kit	EE121-01	50 rxns	8100
	EE121-02	200 rxns	28800
<i>EasyPure</i> ® Blood Genomic DNA Kit(No RNase A)	EE121-11	50 rxns	7200
	EE121-12	200 rxns	25920
<i>EasyPure</i> ® Marine Animal Genomic DNA Kit	EE151-01	50 rxns	9000
<i>EasyPure</i> ® Marine Animal Genomic DNA Kit (No RNase A)	EE151-11	50 rxns	7560
<i>EasyPure</i> ® Bacteria Genomic DNA Kit	EE161-01	50 rxns	9360
<i>EasyPure</i> ® Bacteria Genomic DNA Kit (No RNase A)	EE161-11	50 rxns	7560



<i>EasyPure</i> <sup>®</sup> Food and Fodder Security Genomic DNA Kit	EE171-01	50 rxns	18000
<i>EasyPure</i> <sup>®</sup> Micro Genomic DNA Kit	EE181-01	50 rxns	19440
<i>EasyPure</i> <sup>®</sup> FFPE Tissue Genomic DNA Kit	EE191-01	50 rxns	12240
<i>MagicPure</i> <sup>™</sup> Blood Genomic DNA Kit (with Magnetic Stand)	EC101-01	50 rxns	16200
<i>MagicPure</i> <sup>™</sup> Blood Genomic DNA Kit	EC101-11	50 rxns	12600
<i>MagicPure</i> <sup>™</sup> Circulating DNA Kit (with Magnetic Stand)	EC201-01	50 rxns	30600
<i>MagicPure</i> <sup>™</sup> Circulating DNA Kit	EC201-11	50 rxns	27000
<i>EasyPure</i> <sup>®</sup> Plasmid MiniPrep Kit	EM101-01	50 rxns	3060
	EM101-02	200 rxns	10800
<i>EasyPure</i> <sup>®</sup> HiPure Plasmid MiniPrep Kit	EM111-01	50 rxns	9360
<i>EasyPure</i> <sup>®</sup> HiPure Plasmid MaxiPrep Kit	EM121-01	10 rxns	14400
<i>ArtMedia</i> <sup>®</sup> Plasmid Culture	EM201-01	95 ml+5 ml	3600
<i>EasyPure</i> <sup>®</sup> PCR Purification Kit	EP101-01	50 rxns	3780
	EP101-02	200 rxns	12960
<i>EasyPure</i> <sup>®</sup> Quick Gel Extraction Kit	EG101-01	50 rxns	4140
	EG101-02	200 rxns	14400
<i>TransZol</i> <sup>™</sup>	ET101-01	100 ml	9000
<i>TransZol</i> <sup>™</sup> Up	ET111-01	100 ml	10800
<i>TransZol</i> <sup>™</sup> Plant	ET121-01	100 ml	10800
<i>EasyPure</i> <sup>®</sup> RNA Kit	ER101-01	50 rxns	21240
<i>EasyPure</i> <sup>®</sup> Viral DNA/ RNA Kit	ER201-01	50 rxns	14040
<i>EasyPure</i> <sup>®</sup> Plant RNA Kit	ER301-01	50 rxns	19440
<i>EasyPure</i> <sup>®</sup> Blood RNA Kit	ER401-01	50 rxns	21240
<i>TransZol</i> <sup>™</sup> Up Plus RNA Kit	ER501-01	100 rxns	23400
<i>EasyPure</i> <sup>®</sup> miRNA Kit	ER601-01	50 rxns	41040
<i>EasyPure</i> <sup>®</sup> RNA Purification Kit	ER701-01	25 rxns	7740
<i>MagicPure</i> <sup>™</sup> Viral DNA/RNA Kit (with Magnetic Stand)	EC301-01	50 rxns	27000
<i>MagicPure</i> <sup>™</sup> Viral DNA/RNA Kit	EC301-11	50 rxns	23400
<i>RNAhold</i> <sup>®</sup>	EH101-01	100 ml	8100
DNase I (RNase-free )	GD201-01	1500 units	7200
RNase A	GE101-01	1 ml	5400
Proteinase K	GE201-01	1 ml	2700
2×RNA Loading Buffer	GH201-01	1 ml	1080
RNase-free water	GI201-01	25 ml	900

## Gene Expression

<i>pEASY</i> <sup>®</sup> -Blunt E1 Expression Kit	CE111-01	10 rxns	8640
<i>pEASY</i> <sup>®</sup> -Blunt E2 Expression Kit	CE211-01	10 rxns	8640
<i>ArtMedia</i> <sup>®</sup> Protein Expression	CP101-01	95ml+5ml	3960
BL21(DE3) Chemically Competent Cell	CD601-02	10×100 µl	4680
	CD601-03	20×100 µl	8640
BL21(DE3) pLysS Chemically Competent Cell	CD701-02	10×100 µl	4680

	CD701-03	20×100 µl	8640
<i>Trans etta</i> (DE3) Chemically Competent Cell	CD801-02	10×100 µl	5220
	CD801-03	20×100 µl	9720
<i>Trans B</i> (DE3) Chemically Comptent Cell	CD811-02	10×100 µl	5220
BL21 Chemically Competent Cell	CD901-02	10×100 µl	4680
	CD901-03	20×100 µl	8640
<i>pEASY</i> <sup>®</sup> -Blunt M2 Expression Kit	CM211-01	10 rxns	11520
<i>pEASY</i> <sup>®</sup> -Blunt M3 Expression Kit	CM311-01	10 rxns	11520

## Protein Purification and Detection

<i>ProteinExt</i> <sup>™</sup> Mammalian Total Protein Extraction Kit	DE101-01	100 ml	21600
<i>ProteinExt</i> <sup>™</sup> Mammalian Nuclear and Cytoplasmic Protein Extraction Kit	DE201-01	50 rxns	25200
<i>ProteinExt</i> <sup>™</sup> Mammalian Membrane Protein Extraction Kit	DE301-01	50 rxns	25200
<i>ProteinExt</i> <sup>™</sup> Mammalian Mitochondria Isolation Kit for Cultured Cells	DE401-01	50 rxns	28800
<i>ProteinExt</i> <sup>™</sup> Mammalian Mitochondria Isolation Kit for Tissue	DE501-01	50 rxns	28800
<i>ProteinSafe</i> Protease Inhibitor Cocktail, EDTA-Free (100X)	DI101-01	500 µl	7200
	DI101-02	1 ml	12600
<i>ProteinSafe</i> Protease Inhibitor Cocktail (100X)	DI111-01	500 µl	7200
	DI111-02	1 ml	12600
<i>ProteinSafe</i> Phosphatase Inhibitor Cocktail (100X)	DI201-01	500 µl	15120
	DI201-02	1 ml	27000
<i>ProteinIso</i> <sup>®</sup> Ni-NTA Resin	DP101-01	5 ml	9360
	DP101-02	25 ml	39600
<i>ProteinIso</i> <sup>®</sup> Ni-IDA Resin	DP111-01	5 ml	8100
	DP111-02	25 ml	34200
<i>ProteinIso</i> <sup>®</sup> GST Resin	DP201-01	10 ml	25200
<i>ProteinIso</i> <sup>®</sup> Protein A Resin	DP301-01	5 ml	27000
<i>ProteinIso</i> <sup>®</sup> Protein G Resin	DP401-01	5 ml	32400
<i>ProteinRuler</i> <sup>®</sup> I (12-80 kDa)	DR101-01	250 µl	2520
	DR101-02	500 µl	4500
<i>ProteinRuler</i> <sup>®</sup> II (12-120 kDa)	DR201-01	250 µl	3240
	DR201-02	500 µl	5760
<i>ProteinRuler</i> <sup>®</sup> IV (30-200 kDa)	DR401-01	250 µl	3600
	DR401-02	500 µl	6480
<i>Blue Plus</i> <sup>®</sup> Protein Marker (14-100 kDa)	DM101-01	250 µl	3600
	DM101-02	500 µl	6480
<i>Blue Plus</i> <sup>®</sup> II Protein Marker (14-120 kDa)	DM111-01	250 µl	3960
	DM111-02	500 µl	7200
<i>Blue Plus</i> <sup>®</sup> III Protein Marker (14-160 kDa)	DM121-01	250 µl	6300
	DM121-02	500 µl	11340
<i>Blue Plus</i> <sup>®</sup> IV Protein Marker (10-180 kDa)	DM131-01	250 µl	8100

<i>Blue Plus</i> ™ IV Protein Marker (10-180 kDa)	DM131-02	500 µl	14580
<i>EasySee</i> ® Western Marker (25-90 kDa)	DM201-01	250 µl	8100
	DM201-02	500 µl	14400
<i>EasySee</i> ® Western Marker (with <i>EasySee</i> ® Western Blot Kit)	DM201-11	250 µl+100 ml	14580
	DM201-12	500 µl+200 ml	25920
<i>EasySee</i> ® II Western Marker (30-150 kDa)	DM211-01	250 µl	10080
	DM211-02	500 µl	18000
<i>EasySee</i> ® II Western Marker (with <i>EasySee</i> ® Western Blot Kit)	DM211-11	250 µl+100 ml	16560
	DM211-12	500 µl+200 ml	29520
<i>EasySee</i> ® Western Blot Kit	DW101-01	100 ml	8100
	DW101-02	200 ml	14400
6× Protein Loading Buffer	DL101-02	5×1 ml	1800
<i>Easy</i> Protein Quantitative Kit (Bradford)	DQ101-01	100 ml	3600
<i>Easy</i> II Protein Quantitative Kit (BCA)	DQ111-01	100 ml	7200
<i>ProteinEle</i> ™ Precast Tris-Glycine Gel	DG101-01	8%, 10/Box	10800
	DG101-02	10%, 10/Box	0
	DG101-03	12%, 10/Box	0

## Cell Culture and Detection

<i>TransSerum</i> ® HQ Fetal Bovine Serum	FS101-02	500 ml	32400
DMEM, High Glucose	FI101-01	500 ml	1440
RPMI 1640 Medium	FI201-01	500 ml	1440
<i>TransIn</i> ® EL Transfection Reagent	FT201-01	0.75 ml	32400
	FT201-02	2×0.75 ml	57600
Penicillin-Streptomycin (100×)	FG101-01	100 ml	2880
L-Glutamine (100×)	FG201-01	100 ml	3600
Trypsin (+EDTA)	FG301-01	100 ml	2160
Trypsin (-EDTA)	FG301-11	100 ml	2160
G418	FG401-01	5 ml	7560
PBS (1×)	FG701-01	500 ml	1260
<i>TransDetect</i> ® Single-Luciferase Reporter Assay Kit	FR101-01	50 rxns	5400
	FR101-02	200 rxns	18000
<i>TransDetect</i> ® Double-Luciferase Reporter Assay Kit	FR201-01	50 rxns	12600
	FR201-02	200 rxns	43200
<i>TransDetect</i> ® Cell Counting Kit (CCK)	FC101-01	1 ml	5400
	FC101-02	5 ml	14400
	FC101-03	10 ml	25920
	FC101-04	6×5 ml	50400
<i>TransDetect</i> ® Annexin V-FITC/PI Cell Apoptosis Detection Kit	FA101-01	25 rxns	12600
	FA101-02	50 rxns	23400
<i>TransDetect</i> ® Annexin V-EGFP/PI Cell Apoptosis Detection Kit	FA111-01	25 rxns	12600
	FA111-02	50 rxns	23400
<i>TransDetect</i> ® In Situ Fluorescein TUNEL Cell Apoptosis	FA201-01	25 rxns	27000

Detection Kit	FA201-02	50 rxns	48600
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## Antibodies

<i>ProteinFind</i> <sup>®</sup> Anti-c-Myc Mouse Monoclonal Antibody	HT101-01	50 µl	9000
	HT101-02	100 µl	16200
<i>ProteinFind</i> <sup>®</sup> Anti-DYKDDDDK Tag Mouse Monoclonal Antibody	HT201-01	50 µl	9000
	HT201-02	100 µl	16200
<i>ProteinFind</i> <sup>®</sup> Anti-HA Mouse Monoclonal Antibody	HT301-01	50 µl	9000
	HT301-02	100 µl	16200
<i>ProteinFind</i> <sup>®</sup> Anti-V5 Mouse Monoclonal Antibody	HT401-01	50 µl	9000
	HT401-02	100 µl	16200
<i>ProteinFind</i> <sup>®</sup> Anti-His Mouse Monoclonal Antibody	HT501-01	50 µl	9000
	HT501-02	100 µl	16200
<i>ProteinFind</i> <sup>®</sup> Anti-GST Mouse Monoclonal Antibody	HT601-01	50 µl	9000
	HT601-02	100 µl	16200
<i>ProteinFind</i> <sup>®</sup> Anti-MBP Mouse Monoclonal Antibody	HT701-01	50 µl	9000
	HT701-02	100 µl	16200
<i>ProteinFind</i> <sup>®</sup> Anti-GFP Mouse Monoclonal Antibody	HT801-01	50 µl	9000
	HT801-02	100 µl	16200
<i>ProteinFind</i> <sup>®</sup> Anti-β-Tubulin Mouse Monoclonal Antibody	HC101-01	50 µl	9000
	HC101-02	100 µl	16200
<i>ProteinFind</i> <sup>®</sup> Anti-β-Actin Mouse Monoclonal Antibody	HC201-01	50 µl	9000
	HC201-02	100 µl	16200
<i>ProteinFind</i> <sup>®</sup> Anti-GAPDH Mouse Monoclonal Antibody	HC301-01	50 µl	9000
	HC301-02	100 µl	16200
<i>ProteinFind</i> <sup>®</sup> Goat Anti-Rabbit IgG(H+L),HRP Conjugate	HS101-01	100 µl	2520
<i>ProteinFind</i> <sup>®</sup> Goat Anti-Rabbit IgG(H+L), FITC Conjugate	HS111-01	100 µl	2880
<i>ProteinFind</i> <sup>®</sup> Goat Anti-Rabbit IgG(H+L), PE Conjugate	HS121-01	100 µl	5760
<i>ProteinFind</i> <sup>®</sup> Goat Anti-Rabbit IgG(H+L), AF488 Conjugate	HS131-01	100 µl	9000
<i>ProteinFind</i> <sup>®</sup> Goat Anti-Mouse IgG(H+L),HRP Conjugate	HS201-01	100 µl	2520
<i>ProteinFind</i> <sup>®</sup> Goat Anti-Mouse IgG(H+L), FITC Conjugate	HS211-01	100 µl	3780
<i>ProteinFind</i> <sup>®</sup> Goat Anti-Mouse IgG(H+L), PE Conjugate	HS221-01	100 µl	7560
<i>ProteinFind</i> <sup>®</sup> Goat Anti-Mouse IgG(H+L), AF488 Conjugate	HS231-01	100 µl	9000
TMB ELISA Substrate	HE101-01	100 ml	7200
Super TMB ELISA Substrate	HE111-01	100 ml	10800

## Others

T4 DNA Ligase	FL101-01	10000 units	3600
	FL101-02	20000 units	6480
DMT Enzyme	GD111-01	200 units	5400
DNase I (RNase-free )	GD201-01	1500 units	7200
RNase A	GE101-01	1 ml	5400

Proteinase K	GE201-01	1 ml	2700
IPTG	GF101-01	1 ml	900
X-gal	GF201-01	1 ml	1620
Ampicillin	GG101-01	1 ml	720
Kanamycin	GG201-01	1 ml	540
Chloramphenicol	GG301-01	1 ml	810
6×DNA Loading Buffer	GH101-01	5×1 ml	810
2×RNA Loading Buffer	GH201-01	1 ml	1080
6× Protein Loading Buffer	DL101-02	5×1 ml	1800
ddH <sub>2</sub> O	GI101-01	25 ml	360
RNase-Free water	GI201-01	25 ml	900
GelStain	GS101-01	500 μl	10800
	GS101-02	1 ml	19440
	GS101-03	5×1 ml	87480
Agarose	GS201-01	100 g	5400
T7 High Efficiency Transcription Kit	JT101-01	25 rxns	18900