

**Johns Hopkins University  
USB Agreement Pricing**

USB Catalog # and Size	Product Description	JHU Price
15611 1 GM	17-B-Estradiol-3-Benzoate	27.20
12390 100 MG	5-Bromo-4-Chloro-3-Indoyl Phosphate, p-Toluidine Salt	23.80
12390 500 MG	5-Bromo-4-Chloro-3-Indoyl Phosphate, p-Toluidine Salt	90.95
15875 1 GM	5-Fluorouracil	18.70
10001 100 GM	ACES	71.40
10390 25 GM	Acridine Orange, Zinc Chloride, Double Salt	39.95
75820 1 KG	Acrylamide, Ultrapure	162.35
75820 100 GM	Acrylamide, Ultrapure	28.90
75820 500 GM	Acrylamide, Ultrapure	95.20
10415 25 MG	Actinomycin D	126.65
10415 5 MG	Actinomycin D	34.00
10490 1 GM	ADP, Disodium Salt	28.90
10906 1 LB	Agar, High Purity	45.05
10906 5 LB	Agar, High Purity	182.75
75817 100 GM	Agarose, High Gel Strength, Ultrapure	89.25
75817 500 GM	Agarose, High Gel Strength, Ultrapure	321.30
32804 100 GM	Agarose-HE, Ultrapure	90.95
32804 25 GM	Agarose-HE, Ultrapure	33.15
32804 500 GM	Agarose-HE, Ultrapure	334.90
32835 100 GM	Agarose-HEEO, Ultrapure	98.60
32802 100 GM	Agarose-LE, Ultrapure	95.20
32802 500 GM	Agarose-LE, Ultrapure	330.65
32830 25 GM	Agarose-Low Melting/Gelling Temperature, High MW Separation, Ultrapure	89.25
32829 100 GM	Agarose-Low Melting/Gelling Temperature, Low MW Separation, Ultrapure	235.45
32829 25 GM	Agarose-Low Melting/Gelling Temperature, Low MW Separation, Ultrapure	75.65
32803 500 GM	Agarose-ME, Ultrapure	271.15
10868 50 GM	Albumin Bovine LIA Grade	122.40
10867 10 GM	Albumin, Bovine	153.85
10867 50 GM	Albumin, Bovine	392.70
10857 100 GM	Albumin, Bovine, Fraction V	62.90
10857 500 GM	Albumin, Bovine, Fraction V	277.10
32809 100 GM	Amido Black 10B, Ultrapure	13.60
11251 1 KG	Ammonium Acetate	35.70
11251 500 GM	Ammonium Acetate	20.40
76322 1 KG	Ammonium Persulfate, Ultrapure	39.10
76322 100 GM	Ammonium Persulfate, Ultrapure	7.65
11254 1 KG	Ammonium Sulfate	24.65
11254 5 KG	Ammonium Sulfate	111.35
11257 25 GM	Ampicillin Sulfate	30.60
11259 25 GM	Ampicillin, Sodium Salt	30.60
11259 5 GM	Ampicillin, Sodium Salt	11.05
11379 1 GM	Antibiotic G - 418 Sulfate	61.20
11379 5 GM	Antibiotic G - 418 Sulfate	232.05
77241 25 UM	ATP 100mM	42.50
10586 10 GM	ATP, Disodium Salt, Low Iron	111.35
10586 25 GM	ATP, Disodium Salt, Low Iron	254.15

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10586 5 GM	ATP, Disodium Salt, Low Iron	66.30
20048 5 LB	Bacteriological Peptone, Ultrapure	106.25
32811 10 GM	Basic Fuchsin	22.10
32811 25 GM	Basic Fuchsin	35.70
12051 1 KG	BES	317.90
12051 100 GM	BES	35.70
12051 50 GM	BES	21.25
16365 500 GM	B-Glycerophosphate, Sodium Salt, Pentahydrate	138.55
12112 100 GM	Bis-Tris	27.20
76324 1 KG	Boric Acid, Ultrapure	39.95
76324 500 GM	Boric Acid, Ultrapure	24.65
12335 500 GM	Brij 35	9.35
32812 100 GM	Brilliant Blue G, Ultrapure	34.00
32812 25 GM	Brilliant Blue G, Ultrapure	11.05
32826 25 GM	Brilliant Blue R, Ultrapure	12.75
12370 10 GM	Bromophenol Blue, Sodium Salt	10.20
12488 100 GM	Cacodylic Acid, Sodium Salt	68.00
12656 1 KG	CAPS	199.75
12656 100 GM	CAPS	22.95
75822 1 KG	Cesium Chloride, Ultrapure	290.70
75822 100 GM	Cesium Chloride, Ultrapure	58.65
75822 500 GM	Cesium Chloride, Ultrapure	209.95
13361 1 GM	CHAPS	14.45
13361 10 GM	CHAPS	108.80
13369 1 GM	CHAPSO	34.00
13371 100 GM	CHES	28.90
23660 100 GM	Chloramphenicol, Ultrapure	57.80
13729 500 GM	Citric Acid, Anhydrous	9.35
13820 1 GM	Collagenase, Type I	145.35
70704 50 UG	Control DNA, M13mp18, Single Stranded	71.40
13852 400 GM	Corn Oil - Tocopherol Stripped	51.85
77242 25 UM	CTP 100mM	42.50
21220 25 GM	D-(-)- Ribose, Ultrapure	18.70
14535 1 KG	D-(+)-Dextrose, Anhydrous	11.05
14535 25 LB	D-(+)-Dextrose, Anhydrous	52.70
15995 500 GM	D-(+)-Galactose	42.50
18725 1 KG	D-(+)-Maltose, Hydrate, Ultrapure	22.95
21930 1 KG	D-(+)-Sucrose	11.90
23520 1 KG	D-(+)-Xylose, Ultrapure	111.35
23520 100 GM	D-(+)-Xylose, Ultrapure	15.30
77102 100 UM	dATP 100mM Sodium Salt	145.35
77100 1 PK	dATP, dCTP, dGTP, dTTP (set of 4) 100mM	155.55
77104 100 UM	dCTP 100mM Sodium Salt	145.35
77110 1 UM	ddATP 10mM	27.20
77112 1 UM	ddCTP 10mM	27.20
77114 1 UM	ddGTP 10mM	28.05

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77116 1 UM	ddTTP 10mM	27.20
70468 50 ML	Denhardt's Solution, 50X, Ultrapure	37.40
21026 100 GM	Deoxycholic Acid, Sodium Salt, Ultrapure	30.60
14500 1 KG	Dextran MW: 200,000 - 300,000	185.30
14500 100 GM	Dextran MW: 200,000 - 300,000	21.25
14515 100 GM	Dextran MW: 40,000 - 50,000	152.15
14315 10 MG	dGTP	43.35
77106 100 UM	dGTP 100mM Sodium Salt	145.35
77306 25 UM	dGTP Lithium 100mM Lithium Salt	39.95
70744 250 UL	Dideoxyadenosine Termination Mix for 7-deaza-dGTP	27.20
70714 250 UL	Dideoxyadenosine Termination Mix for dGTP	23.80
70748 250 UL	Dideoxycytidine Termination Mix for 7-deaza-dGTP	27.20
71074 400 UL	Dideoxycytidine Termination Mix for 7-deaza-dGTP	27.20
70716 250 UL	Dideoxycytidine Termination Mix for dGTP	23.80
70742 250 UL	Dideoxyguanosine Termination Mix for 7-deaz-dGTP	27.20
70718 250 UL	Dideoxyguanosine Termination Mix for dGTP	23.80
70746 250 UL	Dideoxythymidine Termination Mix for 7-deaza-dGTP	27.20
70720 250 UL	Dideoxythymidine Termination Mix for dGTP	23.80
15385 5 GM	Dithioerythritol	35.70
15395 100 GM	Dithiothreitol	507.45
15397 25 GM	Dithiothreitol, Ultrapure	198.90
15397 5 GM	Dithiothreitol, Ultrapure	53.55
14375 1 GM	DNA:Calf Thymus	170.00
14395 10 GM	DNA-Cellulose, Single-Stranded	219.30
21710 500 GM	D-Sorbitol, Ultrapure	9.35
70726 150 UL	DTT Solution	23.80
77108 100 UM	dTTP 100mM	145.35
77206 100 UM	dUTP 100mM	145.35
77206 25 UM	dUTP 100mM	45.05
15701 1 KG	EDTA	59.50
15701 500 GM	EDTA	35.70
15470 100 MG	Elastase	93.50
15470 25 MG	Elastase	32.30
15881 25 GM	Erythromycin, Free Base	73.10
32813 1 GM	Ethidium Bromide, Ultrapure	10.20
70073X 5000 UN	Exonuclease I	98.60
70073Z 2500 UN	Exonuclease I	52.70
78200 200 UL	ExoSAP-IT	66.30
78201 1 ML	ExoSAP-IT	265.20
32814 10 GM	Fast Green FCF, Ultrapure	22.10
75828 500 GM	Formamide, Ultrapure	41.65
16051 1 GM	Gentamicin Sulfate	43.35
75827 1 LT	Glycerol Tolerant Gel (GTG) Buffer, 20X Solution, Ultrapure	50.15
72994 5 BT	Glycerol Tolerant Gel Mix 6%, Ultrapure	51.85
16374 1 LT	Glycerol, Ultrapure	29.75
16405 1 KG	Glycine, Free Base	14.45

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16405 5 KG	Glycine, Free Base	67.15
16407 1 KG	Glycine, Ultrapure	34.00
16407 100 GM	Glycine, Ultrapure	10.20
16407 5 KG	Glycine, Ultrapure	122.40
16440 5 GM	Glycogen	34.00
16507 100 GM	Glycyl-Glycine, Ultrapure	43.35
16507 250 GM	Glycyl-Glycine, Ultrapure	105.40
77243 25 UM	GTP 100mM	42.50
75818 1 KG	Guanidine Thiocyanate, Ultrapure	245.65
75818 100 GM	Guanidine Thiocyanate, Ultrapure	32.30
75823 100 GM	Guanidine, Hydrochloride, Ultrapure	28.05
75823 500 GM	Guanidine, Hydrochloride, Ultrapure	77.35
16924 100 ML	HEPES, 1M Solution, pH 7.3, Ultrapure	15.30
16924 500 ML	HEPES, 1M Solution, pH 7.3, Ultrapure	38.25
16928 1 KG	HEPES, Sodium Salt	339.15
16928 100 GM	HEPES, Sodium Salt	36.55
16928 25 GM	HEPES, Sodium Salt	10.20
16926 1 KG	HEPES, Ultrapure	171.70
16926 100 GM	HEPES, Ultrapure	22.95
16926 250 GM	HEPES, Ultrapure	52.70
16926 5 KG	HEPES, Ultrapure	833.00
17525 25 GM	Imidazole, Ultrapure	9.35
17886 1 GM	IPTG, Dioxane Free	32.30
17886 5 GM	IPTG, Dioxane Free	120.70
17924 25 GM	Kanamycin Sulfate, Ultrapure	91.80
17924 5 GM	Kanamycin Sulfate, Ultrapure	19.55
17980 1 GM	Kinetin	22.10
70740 100 UL	Labeling Mix for 7-deaza-dGTP	29.75
70710 100 UL	Labeling Mix for dGTP	23.80
10705 100 GM	L-Alanine	34.00
20227 1 KG	L-Alpha-Phosphatidyl Ethanolamine	51.00
20227 500 GM	L-Alpha-Phosphatidyl Ethanolamine	28.05
11490 100 GM	L-Arginine	12.75
11500 100 GM	L-Arginine, Hydrochloride	11.90
11545 500 GM	L-Ascorbic Acid	24.65
11595 100 GM	L-Asparagine, Monohydrate	15.30
11620 100 GM	L-Aspartic Acid	5.95
75852 1 KG	LB Broth, Ready-Made Powder, Ultrapure	39.10
14035 100 GM	L-Cysteine, Hydrochloride, Monohydrate	23.80
14050 100 GM	L-Cystine	23.80
18280 100 GM	Leucine Aminopeptidase	16.15
16215 200 GM	L-Glutamic Acid	6.80
16215 500 GM	L-Glutamic Acid	10.20
16215 1 KG	L-Glutamic Acid	19.55
16215 5 KG	L-Glutamic Acid	79.90
16285 100 GM	L-Glutamine	23.80

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17070 100 GM	L-Histidine, Free Base, Ultrapure	28.05
17080 100 GM	L-Histidine, Monohydrochloride, Monohydrate, Ultrapure	19.55
17825 100 GM	L-Isoleucine, Ultrapure	60.35
32816 25 GM	Lithium Dodecyl Sulfate, Ultrapure	54.40
32816 5 GM	Lithium Dodecyl Sulfate, Ultrapure	15.30
18585 100 GM	L-Lysine, Hydrochloride, Ultrapure	5.95
18915 100 GM	L-Methionine, Ultrapure	24.65
20105 100 GM	L-Phenylalanine, Ultrapure	33.15
20730 100 GM	L-Proline, Ultrapure	34.00
21505 100 GM	L-Serine, Ultrapure	42.50
22290 100 GM	L-Threonine, Ultrapure	59.50
22765 100 GM	L-Tryptophan	42.50
22910 100 GM	L-Tyrosine, Ultrapure	22.10
75854 1 KG	Luria Broth (LB), Ready-Made Powder, Ultrapure	37.40
23205 100 GM	L-Valine, Ultrapure	29.75
18645 1 GM	Lysozyme, Ultrapure	11.90
18645 10 GM	Lysozyme, Ultrapure	70.55
18645 100 GM	Lysozyme, Ultrapure	517.65
18645 25 GM	Lysozyme, Ultrapure	164.05
18645 5 GM	Lysozyme, Ultrapure	42.50
18641 500 GM	Magnesium Chloride, Hexahydrate, Ultrapure	17.85
18651 1 KG	Magnesium Sulfate, Heptahydrate, Ultrapure	33.15
18755 1 KG	Mannitol, Ultrapure	21.25
18755 500 GM	Mannitol, Ultrapure	13.60
18886 1 KG	MES, Monohydrate, Ultrapure	194.65
18886 100 GM	MES, Monohydrate, Ultrapure	22.95
19220 100 GM	Methylene Blue, Trihydrate, Ultrapure	39.10
70196Y 15 KU	Micrococcal Nuclease	77.35
71600 10 ML	Mineral Oil, Ultrapure	9.35
70456Y 25 KU	M-MLV Reverse Transcriptase	99.45
70456Z 100 KU	M-MLV Reverse Transcriptase	317.90
19256 1 KG	MOPS, Ultrapure	136.85
19256 100 GM	MOPS, Ultrapure	22.95
70021 3000 UN	Mung Bean Nuclease	106.25
19436 25 GM	Nalidixic Acid, Ultrapure	27.20
19535 1 GM	NBT	55.25
75855 1 KG	NCZYM Broth, Ready-Made Powder, Ultrapure	51.00
19628 500 ML	Nonidet P40	24.65
77212 500 UL	PCR Nucleotide Mix 10mM	47.60
77119 500 UL	PCR Nucleotide Mix 25mM	134.30
70995 1 KT	PCR Product Pre-Sequencing Kit	53.55
70996 1 KT	PCR Product Pre-Sequencing Kit	214.20
19985 100 MU	Penicillin G, Sodium, Ultrapure	21.25
20037 25 MG	Pepstatin A, Ultrapure	76.50
75830 100 GM	Phenol, Carbolic Acid, Ultrapure	27.20
75830 500 GM	Phenol, Carbolic Acid, Ultrapure	71.40

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75829 100 ML	Phenol, Equilibrated, Ultrapure	17.85
75829 400 ML	Phenol, Equilibrated, Ultrapure	53.55
75831 100 ML	Phenol:Chloroform: Isoamyl Alcohol (25:24:1), Ultrapure	22.10
75831 400 ML	Phenol:Chloroform: Isoamyl Alcohol (25:24:1), Ultrapure	71.40
20427 1 KG	PIPES, Sodium Salt, Sesquisodium	300.90
20427 100 GM	PIPES, Sodium Salt, Sesquisodium	33.15
20426 100 GM	PIPES, Ultrapure	29.75
74225Y 10 KU	Poly (A) Polymerase, Yeast	94.35
19959 1 KG	Polyethylene Glycol 8000, Ultrapure	29.75
32819 10 GM	Ponceau S, Sodium Salt, Ultrapure	10.20
20598 1 KG	Potassium Chloride, Ultrapure	25.50
20274 500 GM	Potassium Phosphate, Dibasic, Ultrapure	29.75
76230Y 100 MG	Proteinase K	67.15
76230Z 500 MG	Proteinase K	303.45
70953Z 4 UN	Pyrophosphatase, Inorganic, High Concentration	87.55
75848 500 ML	RapidGel for DNA Sequencing, 40% Stock Solution, Ultrapure	45.05
75845 100 ML	RapidGel Solution for DNA Sequencing, Ultrapure, 4% GTG Buffer	9.35
75845 500 ML	RapidGel Solution for DNA Sequencing, Ultrapure, 4% GTG Buffer	44.20
75841 500 ML	RapidGel Solution for DNA Sequencing, Ultrapure, 4% TBE Buffer	36.55
75846 100 ML	RapidGel Solution for DNA Sequencing, Ultrapure, 6% GTG Buffer	9.35
75846 500 ML	RapidGel Solution for DNA Sequencing, Ultrapure, 6% GTG Buffer	44.20
75843 100 ML	RapidGel Solution for DNA Sequencing, Ultrapure, 6% TBE Buffer	7.65
75843 500 ML	RapidGel Solution for DNA Sequencing, Ultrapure, 6% TBE Buffer	36.55
75844 100 ML	RapidGel Solution for DNA Sequencing, Ultrapure, 8% TBE Buffer	7.65
75844 500 ML	RapidGel Solution for DNA Sequencing, Ultrapure, 8% TBE Buffer	36.55
21145 100 GM	Riboflavin, Ultrapure	20.40
70194Y 1 MG	Ribonuclease A, MB Grade	14.45
70194Z 5 MG	Ribonuclease A, MB Grade	48.45
70054Z 1000 UN	Ribonuclease H	130.90
21195 1 GM	Rnase A:Bovine Pancreas	124.95
70019 10 KU	S1 Nuclease	34.00
70750 1 KT	Sequenase 7-deaza-dGTP Nucleotide Reagent Kit	92.65
70754 1 KT	Sequenase dGTP Nucleotide Reagent Kit	121.55
70721 1 KT	Sequenase Reagent Kit	92.65
70092Y 500 UN	Shrimp Alkaline Phosphatase	52.70
70092Z 1000 UN	Shrimp Alkaline Phosphatase	91.80
21610 500 GM	Sodium Azide, Ultrapure	57.80
21618 1 KG	Sodium Chloride, Ultrapure	11.90
21618 5 KG	Sodium Chloride, Ultrapure	50.15
18220 1 KG	Sodium Dodecyl Sulfate	22.95
18220 100 GM	Sodium Dodecyl Sulfate	9.35
75832 100 ML	Sodium Dodecyl Sulfate 20% Solution, Ultrapure	16.15
75819 1 KG	Sodium Dodecyl Sulfate, Ultrapure	132.60
75819 100 GM	Sodium Dodecyl Sulfate, Ultrapure	15.30
20226 1 KG	Sodium Phosphate Dibasic	28.05
20226 500 GM	Sodium Phosphate Dibasic	19.55
20232 1 KG	Sodium Phosphate Dibasic, Heptahydrate, Ultrapure	36.55

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20232 500 GM	Sodium Phosphate Dibasic, Heptahydrate, Ultrapure	22.95
20229 1 KG	Sodium Phosphate Monobasic	23.80
20229 500 GM	Sodium Phosphate Monobasic	14.45
20233 1 KG	Sodium Phosphate Monobasic, Monohydrate, Ultrapure	39.95
20233 500 GM	Sodium Phosphate Monobasic, Monohydrate, Ultrapure	32.30
70724 1200 UL	Stop Solution, Ultrapure	23.80
21865 25 GM	Streptomycin Sulfate, Ultrapure	13.60
21900 1 KG	Succinic Acid, Free Acid, Ultrapure	22.10
21900 500 GM	Succinic Acid, Free Acid, Ultrapure	15.30
21938 1 KG	Sucrose, Ultrapure	17.85
21938 25 KG	Sucrose, Ultrapure	226.95
21938 5 KG	Sucrose, Ultrapure	53.55
32824 25 GM	Sudan Black B, Ultrapure	27.20
70042X 500 UN	T4 DNA Ligase, High Concentration	108.80
70027 150 UN	T4 DNA Polymerase	99.45
70031X 2500 UN	T4 PNK	119.85
70031Z 1000 UN	T4 PNK	59.50
70017Y 50 UN	T7 DNA Polymerase	34.85
70017Z 250 UN	T7 DNA Polymerase	99.45
74015 100 ML	TAE Buffer, 50X Solution, Ultrapure	23.80
22043 100 GM	TAPS	30.60
22043 25 GM	TAPS	11.05
22043 250 GM	TAPS	63.75
70454 1 PK	TBE Buffer, 10X Ready-Mixed Powder	17.85
75834 500 ML	TE Buffer, 50X Solution, Ultrapure	25.50
76320 100 GM	TEMED	6.80
70033 500 UN	Terminal Deoxynucleotidyl Transferase	82.45
22086 100 GM	TES, Ultrapure	39.10
22105 100 GM	Tetracycline Hydrochloride, Ultrapure	42.50
22293 1 GM	Thrombin, Bovine	471.75
22293 100 MG	Thrombin, Bovine	62.90
22517 100 MG	Transferrin, APO Human	59.50
22561 100 GM	Tricine, Ultrapure	23.80
22676 500 GM	Tris Hydrochloride, Ultrapure	30.60
22678 100 ML	Tris, 2M Solution, Ultrapure	13.60
22678 500 ML	Tris, 2M Solution, Ultrapure	24.65
22674 1 KG	Tris, High Purity	41.65
22674 5 KG	Tris, High Purity	134.30
75825 1 KG	Tris, Ultrapure	49.30
75825 5 KG	Tris, Ultrapure	159.80
22637 100 ML	Tris/HCl, 1M Solution, pH 7.0, Ultrapure	9.35
22637 500 ML	Tris/HCl, 1M Solution, pH 7.0, Ultrapure	19.55
22638 100 ML	Tris/HCl, 1M Solution, pH 8.0, Ultrapure	9.35
22638 500 ML	Tris/HCl, 1M Solution, pH 8.0, Ultrapure	19.55
22639 500 ML	Tris/HCl, 1M Solution, pH 8.0, Ultrapure	19.55
22686 1 GA	Triton X - 100, Ultrapure	25.50

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22686 5 GA	Triton X - 100, Ultrapure	120.70
22686 500 ML	Triton X - 100, Ultrapure	7.65
20605 1 GA	Tween 20, Ultrapure	40.80
20605 500 ML	Tween 20, Ultrapure	10.20
20608 1 GA	Tween 80	28.90
20608 500 ML	Tween 80	6.80
75826 1 KG	Urea, Ultrapure	36.55
75826 5 KG	Urea, Ultrapure	120.70
77244 25 UM	UTP 100mM	42.50
23365 10 GM	Vitamin B12, Ultrapure	9.35
70783 1 LT	Water, Rnase-Free, DEPC Treated, Ultrapure	40.80
70783 25 ML	Water, Rnase-Free, DEPC Treated, Ultrapure	11.05
70783 500 ML	Water, Rnase-Free, DEPC Treated, Ultrapure	28.90
10077 1 GM	X-Gal	89.25
10077 2 GM	X-Gal	134.30
10077 250 MG	X-Gal	31.45
23547 1 KG	Yeast Extract Powder, Ultrapure	22.95