



# Product Catalog ver.1402

World class quality enzymes & antibodies

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## ENZYMES

Code	Description	EC #
173601	$\alpha$ -glucosidase from Microorganism	3.2.1.20
194603	Ascorbate oxidase from Cucumis sp.	1.10.3.3
194604	Ascorbate oxidase from Cucurbita sp.	1.10.3.3
174605	$\beta$ -Glucosidase from Sweet almond	3.2.1.21
171606	Catalase from Beef liver	1.11.1.6
192607	Choline oxidase from Alcaligenes sp.	1.1.3.17
173609	Creatininase from Microorganism	3.5.2.10
173610	Creatine deiminase from Microorganism	3.5.4.21
171611	Cholesterol esterase from Porcine pancreas	3.1.1.13
172612	Cholesterol esterase from Pseudomonas sp.	3.1.1.13
193615	Cholesterol oxidase from Microorganism	1.1.3.6
173618	Creatinase from Microorganism	3.5.3.3
172619	Diaphorase from Clostridium sp.	1.6.99.-
182620	D-Fructose dehydrogenase from Gluconobacter sp.	1.1.99.11
182621	Formaldehyde dehydrogenase from Pseudomonas	1.2.1.46
193624	L- $\alpha$ Glycerophosphate oxidase from Microorganism	1.1.3.21
183626	Glucose-6- phosphate dehydrogenase from Microorganism	1.1.1.49
172627	$\beta$ -Galactosidase from Escherichia coli	3.2.1.23
172628	Glucoamylase from Rhizopus sp.	3.2.1.3
183629	Glucose dehydrogenase (NAD(P)-dependent) from Microorganism	1.1.1.47
183630	Glucose dehydrogenase (PQQ-dependent) from Microorganism	1.1.5.2
183631	Glucose dehydrogenase (FAD-dependent) from Microorganism	1.1.99.17
192633	Glucose oxidase from Aspergillus sp.	1.1.3.4
171635	Glutamic-oxaloacetic transaminase from Porcine heart	2.6.1.1
171636	Glutamic-pyruvate transaminase from Porcine heart	2.6.1.2
181637	Glutamate dehydrogenase from Beef liver	1.4.1.3
183639	Glutamate dehydrogenase(NAD dependent) from Microorganism	1.4.1.2
182538	Glutamate dehydrogenase(NADP dependent) from Proteus sp.	1.4.1.4
182640	Glycerol dehydrogenase from Cellulomonas sp.	1.1.1.6
173641	Glycerol kinase from Microorganism	2.7.1.30
182642	D-3-Hydroxybutyrate dehydrogenase from Pseudomonas sp.	1.1.1.30
173643	p-Hydroxybenzoate hydroxylase from Microorganism	1.14.13.2

## ENZYMES

Code	Description	EC #
173644	Hexokinase from Microorganism	2.7.1.1
172645	Invertase from Candida sp.	3.2.1.26
193646	Lactate oxidase from Microorganism	1.1.3.2
181547	L-Lactate dehydrogenase from Pig heart	1.1.1.27
183648	D-Lactate dehydrogenase from Microorganism	1.1.1.28
182650	Leucine dehydrogenase from Bacillus sp.	1.4.1.9
181651	Lactate dehydrogenase from rabbit muscle	1.1.1.27
172652	Lipoproteine lipase from Pseudomonas sp.	3.1.1.34
171553	Alkaline phosphatase from Calf intestine	3.1.3.1
183654	Malate dehydrogenase from Microorganism	1.1.1.37
181655	Malate dehydrogenase from Porcine heart	1.1.1.37
171557	Mutarotase suspension	5.1.3.3
174662	Peroxydase from Horseradish, Grade III, RZ > 2	1.11.1.7
174663	Peroxydase from Horseradish, RZ > 0.6	1.11.1.7
174664	Peroxydase from Horseradish, RZ > 1	1.11.1.7
173666	Purine-nucleoside phosphorylase from Microorganism	2.4.2.1
173667	Phosphoenolpyruvate carboxylase from Corn leaves	4.1.1.31
172668	Proline specific endopeptidase from Flavobacterium sp.	3.4.21.26
193669	Pyruvate oxidase from Microorganism	1.2.3.3
193670	Sarcosine oxidase from Microorganism	1.5.3.1
171671	Superoxide dismutase from Bovine erythrocyte	1.15.1.1
172672	Uricase from Candida sp.	1.7.3.3
172673	Uricase from Microorganism	1.7.3.3
193677	Xanthine oxidase from Microorganism	1.1.3.22

## COENZYMES

Code	Description	EC #
57101	ADP-K.2H <sub>2</sub> O (Adenosine 5'-diphosphate monopotassium salt dihydrate)	72696-48-1
56102	ADP-Na <sub>2</sub> ( Adenosine 5'-diphosphate disodium salt )	16178-48-6
55103	AMP (Adenosine 5'-monophosphoric acid )	18422-05-4
56104	ATP-Na <sub>2</sub> .3H <sub>2</sub> O (Adenosine 5'-triphosphate disodium salt trihydrate)	987-65-5
55105	NAD (β-Nicotinamide-adenine dinucleotide)	53-84-9
56106	NADPH-Na <sub>4</sub> (β-Nicotinamide-adenine dinucleotide phosphate, reduced tetrasodium salt )	2646-71-1
56107	NADH-Na <sub>2</sub> (β-Nicotinamide-adenine dinucleotide, reduced disodium salt )	606-68-8
56108	NADP-Na <sub>2</sub> (β-Nicotinamide-adenine dinucleotide phosphate disodium salt)	24292-60-2
58109	Coenzyme A trilithium salt	18439-24-2
58110	Ap5A-Li <sub>3</sub> ( P <sub>1</sub> ,P <sub>5</sub> -Di(adenosine -5'-)pentaphosphate trilithium salt)	75522-97-3
56111	FAD- Na <sub>2</sub> (Flavine-adenine dinucleotide disodium salt)	146-14-5
55112	N-Acetyl-L-cysteine	616-91-1



## DETERGENTS

Code	Description	EC #
75101	BRIJ 35	9002-92-0
76102	Cholic acid sodium salt	206986-87-0
75103	Cholic acid	81-25-4
78104	Dodecyltrimethylammonium bromide	68207-00-1
76105	Deoxycholic acid sodium salt	302-95-4
75106	Deoxycholic acid	83-44-3
76107	Dodecyltrimethylammonium chloride	112-00-5
78108	Dodecyltrimethylammonium bromide	1119-94-4
75209	EMERGEN 109 P	9002-92-0
75110	EMERGEN 430	9004-98-2
75211	EMERGEN 60	104376-75-2
75212	EMERGEN 707	68131-40-8
75213	EMERGEN 709	68131-40-8
75214	EMERGEN 90	104376-75-2
75115	EMERGEN 950	9016-45-9
75216	EMPIGEN BB	66455-29-6
75217	GENAPOL X-080 (Isotridecyl (PEG-ether) 8 )	9043-30-5
75218	Polyoxyethylène Octylphenyl Ether	9002-93-1
76119	Sodium taurodeoxycholate	207737-97-1
75220	THESIT (Dodecylpoly(ethyleneglycolether)9-POLIDOCANOL)	9002-92-0
75221	TRITON-X114 (Octylphenolpoly(ethyleneglycolether)7)	9036-19-5
75222	TRITON-X100 (Octylphenolpoly(ethyleneglycolether)10)	9002-93-1
75224	Tween 20	9005-64-5

## SUBSTRATES

Code	Description	EC #
26101	$\alpha$ -Ketoglutaric acid, disodium salt dihydrate	305-72-6
25102	$\alpha$ -Ketoglutaric free acid	328-50-7
28103	S-Butyrylthiocholine iodide	1866-16-6
25104	Gal-G2- $\alpha$ -CNP	157381-11-8
26105	Phosphocreatine disodium salt tetrahydrate	19333-65-4
25106	Glycylglycine	556-50-3
26107	Glucose-6-phosphate disodium salt	3671-99-6
25108	L-Alanine free acid	56-41-7
25109	L-Aspartic acid	56-84-8
26110	L-Aspartic acid, sodium salt monohydrate	323194-76-9
28111	L-Aspartic acid, magnesium salt dihydrate	2068-80-6
25112	Glupa C (L- $\gamma$ -Glutamyl-3-carboxy-4-nitranilide)	63699-78-5
26113	Naphtyl phosphate monosodium salt	81012-89-7
25114	pNP-G7 (EPS );(Ethylidene-4-nitrophenyl- $\alpha$ -D-maltoheptaoside)	96597-16-9
26115	pNPP (p-Nitrophenylphosphate, disodium salt hexahydrate)	4264-83-9
28116	pNPP ditris (p-Nitrophenylphosphate, ditris salt)	68189-42-4
26117	Sodium pyruvate	113-24-6

## BUFFERS

Code	Description	EC #
65101	ACES (N-(2-Acetamido)-2-aminoethanesulfonic acid )	7365-82-4
65102	ADA ((N-(2-Acetamido)iminodiacetic acid))	26239-55-4
65203	AMP - 2-amino-2-methyl-1-propanol	124-68-5
65104	Bicine - N,N-Bis-(2-Hydroxyethyl)glycine	150-25-4
65105	Bis-Tris	6976-37-0
65107	CAPSO (N-Cyclohexyl-2-hydroxy-3-aminopropanesulfonic acid)	73463-39-5
65106	CAPS ( N-Cyclohexyl-3-aminopropanesulfonic acid )	1135-40-6
66108	CAPSO sodium salt	102601-34-3
65209	Diethanolamine	111-42-2
66110	HEPES Sodium salt (4-(2-Hydroxyethyl)-1-piperazine-ethane sulfonic acid sodium salt)	75277-39-3
65111	HEPES (4-(2-Hydroxyethyl)-1-piperazine-ethane sulfonic acid )	7365-45-9
65112	Imidazole	288-32-4
68113	Magnesium acetate tetrahydrate	16674-78-5
65114	MES free acid (2-Morpholinoethanesulfonic acid )	4432-31-9
66115	MES hemisodium salt (2-Morpholinoethanesulfonic acid hemisodium salt)	117961-21-4
65116	MES monohydrate	145224-94-8
66117	MOPS sodium salt (3-Morpholinopropanesulfonic acid sodium salt )	71119-22-7
65118	MOPS free acid (3-Morpholinopropanesulfonic acid )	1132-61-2
66119	MOPS hemisodium salt (3-Morpholinopropanesulfonic acid hemisodium salt)	117961-20-3
67120	Potassium phosphate monobasique	7778-77-0
66121	PIPES monosodium salt (Piperazine-1,4-bis(2-ethanesulfonic acid ) monosodium salt)	10010-67-0
66122	PIPES disodium salt (Piperazine-1,4-bis(2-ethanesulfonic acid ) disodium salt)	76836-02-7
65123	PIPES free acid (Piperazine-1,4-bis(2-ethanesulfonic acid )	5625-37-6
66124	PIPES sesquisodium salt (Piperazine-1,4-bis(2-ethanesulfonic acid )sesquisodium salt )	100037-69-2
66125	Sodium acetate	127-09-3
65126	Succinic acid	110-15-6
65127	TAPS (N-Tris(hydroxymethyl)methyl-3-aminopropanesulfonic acid )	29915-38-6
65128	TES (N-Tris(hydroxymethyl)methyl-2-aminoethanesulfonic acid)	7365-44-8
65129	TRIS base (Tris(hydroxymethyl)-aminomethane )	77-86-1
68130	TRIS HCl (Tris(hydroxymethyl)-aminomethane hydrochloride)	1185-53-1

## STABILIZERS

Code	Description	EC #
85101	Bovine Serum Albumin Fraction V	94349-60-7
85102	Bovine Serum Albumin Fraction V, purified	94349-60-7
85104	Caffeine	58-08-2
88106	Dextran sulfate	9011-18-1
88107	DTT (Dithiothreitol)	3483-12-3
85108	D-Mannitol	69-65-8
85209	Phenoxyethanol	122-99-6
85110	Ficoll 400	26873-85-8
88111	Guanidine HCl	50-01-1
88212	Guanidine HCl, solution	50-01-1

## CHROMOGENS

Code	Description	EC #
36101	ADPS N-Ethyl-N-(3-sulfopropyl)-3-methoxyaniline,sodium salt, monohydrate	82611-88-9
35102	Aminoantipyrine	83-07-8
35103	Arsenazo III	1668-00-4
36104	Chromazurol B 2,6-Dichloro-4'-hydroxy-3'3''-dimetylfuchsone-5',5''-dicarboxylic acid, disodium salt	1796-92-5
38105	Dichlorophenyl Diazonium Tetrafluoroborate	350-67-4
36106	DHBS(3,5-Dichloro-2-Hydroxy-Benzenesulfonic acid, sodium salt)	54970-72-8
35207	DMSO	111-42-2
36108	Ferrozine(Chromogenic substrate for iron)	69898-45-9
36109	Ferene(Chromogenic substrate for iron)	79551-14-7
38110	Fast Red TR hemi(zinc chloride) salt	89453-69-0
38111	NBT (Nitro blue tetrazolium salt)	38184-50-8
38112	Neocuproine HCl monohydrate	7296-20-0
36113	Nitro-PAPS 2-(5-Nitro-2-pyridylazo)-5-(N-n-propyl-N-(3-sulfopropyl)amino)phenol, disodium salt, dihydrate	143205-66-7
35114	Nitroso-PSAP (2-Nitroso-5-(N-n-propyl-N-(3-sulfopropyl)amino)phenol)	80459-15-0
36115	HDAOS (N-(2-hydroxy-3-sulfopropyl)-3,5-dimethoxyaniline, sodium salt)	82692-88-4
36116	3,5-DiBr-PAESA 4-(3,5-Bromo-2-pyridylazo)-N-ethyl-N-(3-sulfopropyl)aniline,monosodium salt,monohydrate	100743-65-5
36117	5-Br-PAPS 2-(5-Bromo-2-pyridylazo)-5-(N-n-propyl-N-(3-sulfopropyl)amino)phenol,disodium salt, dihydrate	81608-06-2
37118	Potassium ferricyanide	13746-66-2
38119	4-Chlorophenol	106-48-9
35120	Phenol	108-95-2
36121	5-Br-PSAA 2-(5-Bromo-2-pyridylazo)-5-(N-n-propyl-N-(3-sulfopropyl)amino)phenol,disodium salt, dihydrate	86035-60-7
36122	Sodium nitroprussiate dihydrate	13755-38-9
36123	Sodium salicylate	54-21-7
35124	Sulfanilic acid	121-57-3
38125	Tri Bromo Hydroxybenzoic acid (TBHBA)	14348-40-4
38126	Tri Hydroxybenzoic acid (THBA)	83-30-7
38127	Tri Iodo Hydroxybenzoic acid (HTIB)	53279-72-4
35128	Tetramethylbenzidine 3,3',5,5' (TMB)	54827-17-7
36129	TOOS N-Ethyl-N-(2-hydroxy-3-sulfopropyl)-3-methylaniline, sodium salt,dihydrate	82692-93-1
36130	TOPS N-Ethyl-N-(3-sulfopropyl)-3-methylaniline, sodium salt,monohydrate	40567-80-4

## HUMAN NATIVE ANTIGENS

Code	Description	Unit
40001	<b>Breast Cancer Antigen (Low cross, Part pure)</b> Prepared from Human Cancer Ascites High pure and Part pure - low cross grades Liquid in PBS Positive by ELISA & Roche	kU
40002	<b>Breast Cancer Antigen (High Pure)</b> Prepared from Human Cancer Ascites High pure and Part pure - low cross grades Liquid in PBS Positive by ELISA & Roche	kU
40003	<b>Ovarian Cancer Antigen (Low cross, Part pure)</b> Prepared from Human Cancer Ascites Low Cross for CA 15-3, CA 19-9, CA72-4, CEA, AFP, Ferritin Liquid in PBS Positive by ELISA & Roche	kU
40004	<b>Gastric Cancer Antigen ( Low cross, Part Pure)</b> Prepared from Human Cancer Ascites Low Cross for CA 15-3, CA 19-9, CA 125, CEA, AFP, Ferritin Liquid in PBS Positive by ELISA & Roche	kU
40005	<b>Gastrointestinal Cancer Antigen ( Low Cross, Part Pure)</b> Prepared from Human Cancer Ascites Low Cross for CA 125, CA 15-3, CA72-4, CEA, AFP, Ferritin Liquid in PBS Positive by ELISA & Roche	kU
40006	<b>Alpha Feto Protein ( High Pure)</b> Prepared from Human Cord Blood High Pure & Part Pure Grades by SDS-PAGE Liquid in TRIS Buffer	mg
40007	<b>Carcinoembryonic Antigen ( Part Pure)</b> Prepared from Cancer Ascites High Pure & Part Pure Grades Liquid in Citrate Buffer	mg
40008	<b>Carcinoembryonic Antigen ( High Pure)</b> Prepared from Cancer Ascites High Pure & Part Pure Grades Liquid in Citrate Buffer	mg
40009	<b>Prostate Specific Antigen ( High Pure)</b> Prepared from Human seminal plasma High pure and Part Pure Grades Liquid in PSB & Lyophilized	mg
40010	<b>PSA-ACT Complex ( Part Pure)</b> Prepared from Human seminal plasma and Human Blood Part pure by SDS-PAGE Liquid in Sodium Acetate Buffer	mg
40011	<b>Cystatin C ( Part Pure)</b> Prepared from Human Urine Part Pure Grade Liquid in TRIS Buffer	mg
40012	<b>Alpha 1 Microglobulin ( High Pure)</b> Prepared from Human Urine High pure and Part Pure Grades Liquid in Phosphate Buffer	mg



Code	Description	Unit
40013	<b>Alpha 1 Microglobulin ( Part Pure)</b> Prepared from Human Urine High pure and Part Pure Grades Liquid in Phosphate Buffer	mg
40014	<b>Beta 2 Microglobulin (High Pure)</b> Prepared from Human Urine High Pure and Part Pure Grades by SDS-PAGES Liquid in PSB & Lyophilized	mg
40015	<b>Neutrophil Gelatinase-Associated Lipocalin (NGAL)</b> Prepared from Human Neutrophils Grade: Standard Liquid in Sodium Buffer	
40016	<b>Hepatitis B Surface Antigen (HBsAG) - AY (High Pure)</b> Prepared from Human Blood High Pure and Part Pure Grades Heat Inactivated at 60degrees C for 15 hr Liquid in PSB with or without sucrose	mg
40017	<b>Hepatitis B Surface Antigen (HBsAg-Ad) (High Pure)</b> Prepared from Human Blood High Pure and Part Pure Grades Heat Inactivated at 60degrees C for 15 hr Liquid in PSB with or without sucrose	mg
40018	<b>C-Reactive Protein (CRP) ( High Pure)</b> Prepared from Human Fluids High Pure and Part Pure Grades by SDS-PAGE Liquid in TRIS Buffer	mg
40019	<b>C-Reactive Protein (CRP) (Part Pure)</b> Prepared from Human Fluids High Pure and Part Pure Grades by SDS-PAGE Liquid in TRIS Buffer	mg
40020	<b>D-Dimer (Pure)</b> Prepared from Human Plasma >95% pure grade & part pure Positive by ELFA vidas	mg
40021	<b>PAPP-A (Pure)</b> Prepared from Human Placenta Serum Grade: pure (>=80%) Frozen in TRIS buffer	mg
40022	<b>Beta Human Chorionic Gonadotropin (High Pure)</b> Prepared from Human Precnancy derived hCG High Pure Grade Liquid in Phosphate Buffer Positive by Roche Elecsys	mg
40023	<b>Human Chorionic Gonadotropin (hCG) - (High Pure)</b> Prepared from Human Pregancy urine High Pure and Part Pure Grades Liquid in Phosphate Buffer & lyophilized	kU
40024	<b>Human Chorionic Gonadotropin (hCG) (Part Pure)</b> Prepared from Human Pregancy urine High Pure and Part Pure Grades Liquid in Phosphate Buffer & lyophilized	mg

Code	Description	Unit
40025	<b>Soluble Transferrin Receptor (Part Pure)</b> Prepared from Human Plasma Extract grade Liquid in TRIS Buffer	mg
40026	<b>Placental Ferritin ( High Pure)</b> Prepared from Human Placenta High Pure by SDS-PAGE Liquid in TRIS-HCl Buffer	mg
40027	<b>Myeloperoxidase (High Pure)</b> Prepared from Human Neutrophils Negative Peroxidase Activity Liquid in Phosphate Buffer	mg
40028	<b>Proteinase 3 (High Pure)</b> Prepared from Human Neutrophils >95% pure by SDS-PAGE Frozen in Sodium Acetate Buffer	mg

## RECOMBIANT ANTIGENS

Code	Description	Unit
40029	<b>Recombinant NGAL (Pure)</b> Origin: Bacterial (E.coli) Grade>95% Pure Liquid in Sodium Phosphate	mg
40030	<b>Recombinant Human Neuron Specific Enolase (High Pure)</b> Origin: Bacterial (E.coli) Grade>95% Pure Liquid in Sodium Phosphate	mg
40031	<b>Recombinant Troponin I (High Pure)</b> Origin: Bacterial (E.coli) Grade>95% Pure Liquid in TRIS buffer	mg
40032	<b>Recombinant Galectin-3(High Pure)</b> Origin: Bacterial (E.coli) Grade>95% Pure Liquid in TRIS buffer	mg
40033	<b>Recombinant Interleukin 18 (High Pure)</b> Origin: Bacterial (E.coli) Grade>95% Pure Liquid in PBS	mg

## PURIFIED MOUSE MONOCLONAL ANTIBODIES

Code	Description	Unit
40034	<b>Anti-PSA Monoclonal Antibody</b> (Clones C7E4, C3F12, A5D5, A6F11) 9 Clones available with Binding affinity of $10^{-8}$ to $10^{-12}$ (M) Protein A purified	mg
40035	<b>Anti-PSA Monoclonal Antibody</b> (Clones E3B1, C4E6, E10D6, E8E3) 9 Clones available with Binding affinity of $10^{-8}$ to $10^{-12}$ (M) Protein A purified	mg
40036	<b>Anti-AFP Monoclonal Antibody</b> 1 Clone Available Protein A Purified Conc.>1mg/ml	mg
40037	<b>Anti-CRP Monoclonal Antibody</b> 5 Clones available with Binding affinity of $10^{-8}$ to $10^{-12}$ (M) Protein A Purified	mg





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