

PURIFIED PROTEINS

Purified Enzymes

Cat. No.	Enzyme	Quantity
321241	β -N-Acetylhexosaminidase	0.5 U
320941	N-Acetylmuramidase	10 mg
364841	Alkaline Phosphatase, Labeling Grade	5 KU
194966	Carboxypeptidase P, Excision Grade	20 μ g
321271	Carboxypeptidase W	1 mg
320961	Cellulase Y-C	10 g
320301	Chondroitinase ABC Lyase, Protease Free	4x1 U
320211	Chondroitinase ABC Lyase	4x5 U
320221	Chondroitinase AC-II Lyase	4x5 U
320311	Chondroitinase AC-I	4x1 U
970551	Chondroitin Sulfate C	100 mg
970571	Chondroitin Sulfate D	10 mg
320231	Chondro-4-sulfatase	4x1.6 U
320241	Chondro-6-sulfatase	4x2.5 U
362001	Collagenase, Type 300C	300 KU
321601	Dextranase	10 mg
321321	Endo- β -galactosidase	0.1 U
321281	Endoglycosidase D	0.1 U
321282	Endoglycosidase D	0.5 U
391311	Endoglycosidase H	0.2 U
391312	Endoglycosidase H	2 U
320182	Glucosylase	2 KU
321291	Glycopeptidase A	1 mU
321051	Glycosidases, Mixed	1 g
321052	Glycosidases, Mixed	5 g
321001	Glycosidase	1 g
321411	Heparinase	0.1 IU
321511	Heparitinase	0.1 IU
970401	Heparitin Sulfate	10 mg
320421	Hyaluronidase	4x100 U
362421	Hyaluronic Acid	100 mg
321701	Invertase	1 g
321711	Isoamylase	0.2 mg
970352	Keratan Sulfate	5 mg
320321	Keratanase	10 U
363234	Lysozyme	5 g
321261	α -Mannosidase	0.1 U
321262	α -Mannosidase	0.5 U
321251	α -Mannosidase	5 U
320841	Metalloendopeptidase	10 U
321381	Neuraminidase	1 U
321741	Nuclease	5 mg
320351	Nuclease'	5 mg
193975	Pancreatin 4X, USP	25 g 100 g 500 g
193976	Pancreatin 8X, USP	25 g 100 g 500 g
193974	Pancrelipase, USP	25 g 100 g 500 g
320951	Pectolyase Y-23	1 g
320952	Pectolyase Y-23	10 g
364511	Peroxidase, Labeling Grade	10 mg
364512	Peroxidase, Labeling Grade	100 mg
364514	Peroxidase, Labeling Grade	1 g
320821	Proline-specific Endopeptidase	50 U
399001	Protease	5 mg
193625	20S Proteasome	500 μ g
321721	Pullulanase	10 mg

Cat. No.	Enzyme	Quantity
321731	Pullulanase, Crude Form	500 mg
835001	Superoxide Dismutase	25 mg
835002	Superoxide Dismutase	100 mg
835011	Superoxide Dismutase	1 mg
835012	Superoxide Dismutase	5 mg
321351	Thermolysin	250 mg
360941	Yeast Lytic Enzyme, 70,000 u/mg	500 mg
360942	Yeast Lytic Enzyme, 70,000 u/mg	1 g
360943	Yeast Lytic Enzyme, 70,000 u/mg	2 g
360944	Yeast Lytic Enzyme, 70,000 u/mg	5 g
360951	Yeast Lytic Enzyme, 5,000 u/mg	5 g
360952	Yeast Lytic Enzyme, 5,000 u/mg	10 g
360953	Yeast Lytic Enzyme, 5,000 u/mg	25 g
360954	Yeast Lytic Enzyme, 5,000 u/mg	100 g
320921	Zymolyase 20T	1 g
320932	Zymolyase 100T	250 mg
320931	Zymolyase 100T	500 mg

Blood Proteins

ALBUMIN, BOVINE

Cat. No.	Description	Quantity
810012	Crystalline	5 g
810013	Crystalline	10 g
810014	Crystalline	100 g
810032	Fraction V Powder, pH 7.0	50 g
810033	Fraction V Powder, pH 7.0	100 g
810034	Fraction V Powder, pH 7.0	500 g
810035	Fraction V Powder, pH 7.0	1 kg
810036	Fraction V Powder, pH 7.0	5 kg
810532	Fraction V Powder, pH 5.2	50 g
810533	Fraction V Powder, pH 5.2	100 g
810534	Fraction V Powder, pH 5.2	500 g
810531	Fraction V Powder, pH 5.2	1 kg
810682	Heat-Shocked Fractionate, Low Endotoxin	1 g
810684	Heat-Shocked Fractionate, Low Endotoxin	10 g
810683	Heat-Shocked Fractionate, Low Endotoxin	100 g
810685	Heat-Shocked Fractionate, Low Endotoxin	1 kg
820022	Fraction V Powder, Fatty Acid Free	10 g
820024	Fraction V Powder, Fatty Acid Free	100 g
820025	Fraction V Powder, Fatty Acid Free	500 g
820012	Fraction V Powder, Fatty Acid Poor	10 g
820013	Fraction V Powder, Fatty Acid Poor	100 g
820015	Fraction V Powder, Fatty Acid Poor	500 g
810661	Heat-Shocked Fractionate, Reagent Grade, pH 7.0	50 g
810662	Heat-Shocked Fractionate, Reagent Grade, pH 7.0	500 g
810667	Heat-Shocked Fractionate, Reagent Grade, pH 7.0	1 kg
841032	Cohn Fraction V Powder, pH 7.0	50 g
841033	Cohn Fraction V Powder, pH 7.0	100 g
841034	Cohn Fraction V Powder, pH 7.0	500 g
841035	Cohn Fraction V Powder, pH 7.0	1 kg
840532	Cohn Fraction V Powder, pH 5.2	50 g
840533	Cohn Fraction V Powder, pH 5.2	100 g
840534	Cohn Fraction V Powder, pH 5.2	500 g
840535	Cohn Fraction V Powder, pH 5.2	1 kg
840042	Cohn Fraction V Modified Powder	50 g
840043	Heat-Shocked Fractionate Purity: 96-99%	100 g
840044	Heat-Shocked Fractionate Purity: 96-99%	500 g
840045	Heat-Shocked Fractionate Purity: 96-99%	1 kg
840052	Microbiological Grade	50 g
840053	Microbiological Grade	100 g
840054	Microbiological Grade	500 g
840055	Microbiological Grade	1 kg
820451	Fraction V Powder, Protease, HRP and AP Free	100 g
820471	Fatty Acid Free	1 g
820472	Fatty Acid Free	10 g
810951	RIA Insulin Grade	10 g

ALBUMIN, BOVINE

Cat. No.	Description	Quantity
810282	Monomer Standard	1 g
810133	30% Sterile Solution	50 ml
810061	35% Sterile Solution	50 ml
810101	Path-O-Cyte® 4 Solution	50 ml
810111	Path-O-Cyte® 5 Solution	50 ml
810783	30% Polymer Enhanced Solution	50 ml
810784		1 L

ALBUMIN, HUMAN

823030	1X Crystalline	500 mg
823031	Purity: 97-99%	1 g
823032		5 g
823033		10 g
823022	Fraction V Powder	10 g
823234	Fraction V Powder, Fatty Acid Free	5 g
823011	Crystalline	1 g
823012		10 g
823002	Fraction V,	10 g
823001	Protease, HRP and AP Free	100 g
823471	Low Endotoxin	1 g
810171	10% Solution	50 ml
823051	30% Solution	50 ml

OTHER SPECIES

823514	Albumin, Mouse	50 mg
824522	Albumin, Rabbit, Fraction V	10 g
824514	Albumin, Rabbit, Crystalline	5 g
825014	Albumin, Rat	500 mg
823064	Alpha Globulins, Human	5 g
820212	Fibrinogen, Bovine,	10 g
820215	Purity: 75%	100 g
820224	Fibrinogen, Bovine,	5 g
820225	Purity: 95%	100 g
820244	Fibrinogen, Bovine, Plasminogen Free	1 g
960272	Ferritin, Horse	1 g
911141	Ferritin, Cationized	2 ml
820412	Gamma Globulins, Bovine	10 g
820414		100 g
820423	Gamma Globulins, Bovine,	10 g
820421	Labile Enzyme Free	100 g
822041	Gamma Globulins, Guinea Pig	1 g
823101	Gamma Globulins, Human	1 g
823102		10 g
823541	Gamma Globulins, Mouse	10 mg
824551	Gamma Globulins, Rabbit	1 g
825041	Gamma Globulins, Rat	100 mg
820611	Glycoprotein, Bovine	1 g
823351	Haptoglobin, Human	10 mg
823352		50 mg
950512	Ovalbumin, Chicken Egg, 5X Cryst.	5 g
194078	Plasmin, Human	250 µg
194097	Plasminogen, Bovine	1 mg
820361	Thrombin, Bovine	10x1 KU
820362		4x10 KU
820401	Thrombin, Bovine	10 KU
820402	Non-pyrogenic	100 KU
820371	Thrombin, Bovine, Plasminogen Free	10x1 KU
820381	Thrombin, Bovine	1 KU
820551	Transferrin, Bovine, 30% Iron Saturated	1 g
820561	Transferrin, Bovine, Iron Poor, Low Endotoxin	1 g
820571	Transferrin, Bovine, 90% Iron Saturated	1 g
823411	Transferrin, Human, Iron Poor	1 g

Cat. No.	Specificity	Quantity
823421	Transferrin, Human, 30% Iron Saturated	1 g
823422		100mg
823431	Transferrin, Human, 90% Iron Saturated	1 g
831501	Serum, Bovine, Normal Pool	100 ml
831503		1 L
642921	Serum, Goat, Normal Pool	50 ml

OTHER SPECIES

831111	Serum, Guinea Pig	15 ml
823181	Serum, Human, Type AB	5 ml
823182	Ex-vivo (off-clot)	20 ml
823183		100 ml
823191	Serum, Human, Type AB	5 ml
823192	(for mixed lymphocyte cultures)	20 ml
823193		100 ml
823201	Serum, Human, Normal Pool	100 ml
642931	Serum, Mouse, Normal Pool	10 ml
642911	Serum, Rabbit, Normal Pool	50 ml
642941	Serum, Rat, Normal Pool	10 ml
642951	Serum, Sheep, Normal Pool	50 ml
642952		100 ml

Cytoskeletal Proteins

771012	Actin	100 µg
771022	Cytokeratin 8	100 µg
771032	Cytokeratin 18	100 µg
771042	Desmin	100 µg
771111	Fibronectin	250 µg
771062	Glial Fibrillary Acidic Protein	100 µg
771072	Neurofilament 200	100 µg
771082	Neurofilament 160	100 µg
771092	Neurofilament 68	100 µg
771121	Tubulin	1 mg
771122		5 mg
771102	Vimentin	100 µg

Proteoglycans

971501	Proteoglycan Aggregate, Bovine	1 mg
971511	Proteoglycan Monomer, Bovine	1 mg
971521	Proteoglycan Aggregate, Rat	1 mg
971531	Proteoglycan Monomer, Rat	1 mg

Immunoglobulins

641401	Bovine IgG	100 mg
653431	Bovine IgM	5 mg
641431	Goat IgG	100 mg
641421	Guinea Pig IgG	100 mg
641441	Horse IgG	100 mg
653481	Human IgA, Secretory	5 mg
643471	Human IgD	0.1 mg
643491	Human IgE	0.1 mg
641451	Human IgG	100 mg
653451	Human IgM, Serum	5 mg
643441	Human Kappa Chains	0.1 mg
643501	Human Lambda Chains	0.1 mg
641461	Mouse IgG	10 mg
649011	Mouse Reference Serum	1 ml
641471	Rabbit IgG	100 mg
641481	Rat IgG	100 mg
649021	Rat Reference Serum	1 ml
641391	Sheep IgG	100 mg

Myeloma Source Immunoglobulins

Cat. No.	Specificity	Quantity
642311	Human IgG ₁	0.1 mg
642321	Human IgG ₂	0.1 mg
642331	Human IgG ₃	0.1 mg
642341	Human IgG ₄	0.1 mg
643341	Mouse IgA MOPC 315/λ2 TEPC 15/κ	1 mg
643351	Mouse IgG ₁ MOPC 21/κ	1 mg
643361	Mouse IgG _{2b} UPC 10/κ RPC 5/κ	1 mg
643371	Mouse IgG _{2b} MOPC 195/κ MOPC 141/κ	1 mg
643381	Mouse IgG ₃ FLOPC 21/κ J606/κ	1 mg
643391	Mouse IgM MOPC 104E/λ ₁ ABPC 22/κ	1 mg
643041	Rat IgA	1 mg
643051	Rat IgG ₁	1 mg
643061	Rat IgG _{2a}	1 mg
643071	Rat IgG _{2b}	1 mg
643081	Rat IgG _{2c}	1 mg
643091	Rat IgM	1 mg

Miscellaneous Proteins

150274	Allophycocyanin	500 μg
		1 mg
		5 mg
770941	α ₁ -Antichymotrypsin	100 μg
770942		500 μg
770943		1 mg
771003	CA 15-3 (Breast Tumor Marker Antigen)	5 KU
771002	Iodination Grade	10 KU
771001		20 KU
770973	CA 19-9 (GI-Pancreatic Tumor Marker Antigen)	5 KU
770972	Iodination Grade	25 KU
770971		50 KU
770963	CA 19-9 (GI-Pancreatic Tumor Marker Antigen)	5 KU
770962	Research Grade	25 KU
770961		50 KU
770983	CA 72-4 (Human Antigen)	5 KU
770982	Iodination Grade	25 KU
770981		50 KU
770931	α-Fetoprotein, Human Cord Serum	100 μg
770932	Iodination Grade	500 μg
770933		1 mg
193550	Hemocyanin	5 mg
		25 mg
		100 mg
770951	β ₂ Microglobulin	100 μg
770952		500 μg
770953		1 mg

SUPPLEMENTARY REAGENTS

Labeling Reagents

Avidin/Streptavidin

Progress in ELISA, immunoblotting and immunohistochemical techniques has led to widespread use of the avidin/streptavidin-biotin interaction. Both avidin and streptavidin demonstrate high affinity for biotin rendering this reaction as an extremely sensitive detection method.

Cat. No.	Description	Quantity
55827	Avidin	5 mg
55963	Avidin-AP	1 mg
623531	Avidin-AP	2 ml
55880	Avidin-FITC	5 mg
623501	Avidin-FITC	5 mg
55898	Avidin-HRP	5 mg
623521	Avidin-HRP	2 ml
55894	Avidin-Texas Red®	5 mg
623001	Streptavidin	1 mg
623431	Streptavidin-AP	2 ml
623411	Streptavidin-FITC	1 mg
623441	Streptavidin-HRP	2 ml

Biotin Conjugates

55964	Biotin-AP	1 ml
622671	Biotin-AP	2 mg
622681	Biotin-HRP	5 mg
622611	Biotin Hydrazide	100 mg
622601	Biotin- N-Hydroxysuccinimide Ester	100 mg
622651	Biotin-Protein A	2 mg
622661	Biotin-Protein G	1 mg

FITC

55879	Fluorescein 5-Isothiocyanate, Isomer I	100 mg
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Enzymes

364841 ALKALINE PHOSPHATASE 5 KU
-20°C

[9001-78-9]

Labeling Grade

Lyophilized powder containing 30% carbohydrate as a stabilizer.

Activity: 1,000 units/mg of protein

There is no detectable adenosine deaminase, adenosine 5'-monophosphate deaminase or phosphodiesterase activities.

Unit Definition: one unit will liberate 1 μmole of p-nitrophenol from p-nitrophenylphosphate per minute at 37° by the Bessey¹ assay procedure.

Ref.: Bessey, O.A., et al., *J. Biol. Chem.*, **164**, 321 (1946).