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General Purpose Western Blot Reagents

Please see complete listing at the web site listed under "2-antibodies & ELISA Reagents Category under ELISA Western Accessories

Catalog#	Product Description	
80081	Phosphate Buffered Saline (PBS, pH 7.4) concentrate (20X)	100 ml
80082	Tris Buffered Saline (TBS, pH 7.4) concentrate (10X)	1 L
80215	NuGlo ECL Substrate Kit for Western blot, 400 mls	1 kit
80215-250	NuGlo (luminol) ECL Substrate Kit for Western blot, 250 mls	1 kit
80400-100	Bovine Serum Albumin (BSA, protease-free) for western (makes ~2-L buffer @5% BSA)	100 g
80401-250	Blotto for Western/ELISA (non-fat milk, makes ~25-L buffer @5%)	250 g
80402-500	Blotto 1 buffer (5% milk, 0.05% tween in TBS buffer) for Western	500 ml
80403-500	Blotto 2 buffer (1% milk, 1% BSA, 0.05% Tween in TBS for phosphoproteins) for WB	500 ml
ALP15-N-1	Alkaline phosphatase (AP), calf intestine, Conjugation grade (3000-6000 u/mg)	1 mg
ALP16-N-1	Alkaline phosphatase (AP), calf intestine, Mol Biol grade (3000-6000 u/mg) (Free of endonuclease, exonuclease and RNase activities)	1 mg
GO11-N-250	Glucose Oxidase (GO) enzyme (~200-300 u/mg)	250 mg
LMWM-12	Low range multi-color protein markers (6.5-45 kDa) for Western	250 ul
HMWM-11	High range multi-color protein markers (6.5-205 kDa) for Western	250 ul
HRP15-N	Horse Radish Peroxidase (HRP) Enzyme, purified	1 mg
HRP16-N-500	Horse Radish Peroxidase (HRP) Enzyme (~200 u/mg)	500 mg
HRPS-100	Antibody/Protein-Peroxidase-Conjugate stabilizer solution	100 ml
PRTS-100	Coating Antibody or Protein stabilizer solution (10X)	100 ml
RIPA-50	RIPA lysis buffer kit for mammalian cell lysis (complete with protease inhibitor cocktail (PMSF, Protease inhibitors, Orthovanadate)	50 ml
SALL-500	StainAll dye for the visualization of proteins on membranes (transfer)	500 ml
TW-100110	Tween-20 (50%, convenient to dispense) for ELISA, Western, IP etc	500 ml

Western Blot Kits for Human & Animals

Catalog#	Product Description	
80200	Western blot Kit for Rabbit Primary Antibodies, Chemilum. Substrate	1 kit
80201	Western blot Kit for Goat Primary Antibodies, Chemilum. Substrate	1 kit
80202	Western blot Kit for Mouse Primary Antibodies, Chemilum. Substrate	1 kit
80203	Western blot Kit for Rat Primary Antibodies, Chemilum. Substrate	1 kit
80204	Western blot Kit for Chicken Primary Antibodies, Chemilum. Substrate	1 kit
80205	Western blot Kit for Monkey Primary Antibodies, Chemilum. Substrate	1 kit
80206	Western blot Kit for G. pig Primary Antibodies, Chemilum. Substrate	1 kit
80207	Western blot Kit for Human Primary Antibodies, Chemilum. Substrate	1 kit
80208	Western blot Kit for Sheep Primary Antibodies; Chemilum. Substrate	1 kit
80209	Western blot Kit for Pig Primary Antibodies; Chemilum. Substrate	1 kit

Notes: Items # 80202-80209 provide all necessary reagents (blocking buffer, primary antibody diluent, wash buffer concentrate, species specific secondary antibody-HRP Conjugate, and NuGlo ECL Substrate) to perform Western Blots. It has sufficient reagents to process 2000-4000 cm² (10-20 mini blots) or 200-400 single lane strips.

Please see complete listing at the web site listed under "2-antibodies & ELISA Reagents Category under Western Blot Recycling kit



General Purpose ELISA Reagents and Primary Antibody Detection ELISA Kits

Please see complete listing at the web site listed under "2-antibodies & ELISA Reagents Category under ELISA Western Accessories

Catalog#	Product Description	SIZE
80012	High binding ELISA Strips plates (8 wellsx12 strips)	10/pk
80050	ELISA Plate Coating buffer concentrate (10X)	50 ml
80060	ELISA Plate Blocking Buffer concentrate (10X) BSA-based	50 ml
80062	ELISA Plate Blocking Buffer concentrate (10X) milk-based	100 ml
80070	Antibody and Conjugate Diluent for ELISA concentrate (10X)	50 ml
80080	Wash buffer concentrate (20X) for ELISA	100 ml
80081	Phosphate Buffered Saline (PBS, pH 7.4) concentrate (20X)	100 ml
80082	Tris Buffered Saline (TBS, pH 7.4) concentrate (10X)	1 L
80091	TMB substrate (1-component) for ELISA	500 ml
80100	Stop solution for TMB substrate (ELISA) concentrate (10X)	50 ml
80110	Single solution TMB substrate (membrane) solution for western blot	100 mls

Please see complete listing at the web site listed under "2-antibodies & ELISA Reagents Category under ELISA Kits for the detection of Abs

Primary Antibody Detection ELISA Kits for Animals and Humans

Catalog#	Product Description	SIZE
80150	Mouse Serum Antibody detection ELISA kit, Qualitative	1 kit
80155	Rat Serum Antibody detection ELISA kit, Qualitative	1 kit
80160	Rabbit Serum Antibody detection ELISA kit, Qualitative	1 kit
80165	Goat Serum Antibody detection ELISA kit, Qualitative	1 kit
80166	Sheep Serum Antibody detection ELISA kit, Qualitative	1 kit
80170	Human Serum Antibody detection ELISA kit, Qualitative	1 kit
80171	G. Pig Serum Antibody detection ELISA kit, Qualitative	1 kit
80175	Monkey Serum Antibody detection ELISA kit, Qualitative	1 kit
80176	Chicken Serum Antibody detection ELISA kit, Qualitative	1 kit
80180	Hamster Serum Antibody detection ELISA kit, Qualitative	1 kit
80185	Bovine Serum Antibody detection ELISA kit, Qualitative	1 kit
80186	Pig Serum Antibody detection ELISA kit, Qualitative	1 kit
80187	Turkey Serum Antibody detection ELISA kit, Qualitative	1 kit
80188	Ferret Serum Antibody detection ELISA kit, Qualitative	1 kit

Note: These kits provide all necessary reagents (coating, blocking buffer, primary antibody diluent, wash buffer concentrate, species specific secondary antibody-HRP Conjugate, and Single solution ready to use TMB, Stop solution) to perform animal specific serum antibody detection titration using user supplied coating antigen. Sufficient reagents for 1000 wells or 10-plates (100 ul reaction) or 2000 wells (20-plates @ 50 ul reaction). High binding ELISA plates #80012 can also be purchased. These kits are not designed to determine the serum IgG concn but detect antibodies to a given antigen. **Please see IgG, IgA, IgM ELISA kits for measuring the levels of these proteins in serum**



Negative Controls (Non-immune) Ig's for ELISA, Western, and IHC

Ig's are collected and purified from a healthy serum pool of non-immunized animals. These Ig's can be used as negative control in most immunoassays, including ELISA, Western, and IHC. Please see complete listing at the web site listed under "Primary Antibodies Category under Control IgG's"

Species	Catalog#
Bovine IgG	20001-1
Bovine IgM	20001-2-1
Chicken IgG	20010-1
Chicken IgM	20010-2-1
Chicken IgY	20111-1
Chicken Egg Yolk proteins	20112
Chicken egg white proteins	20113
Dog IgG	20016-1
Dog IgG Fab	20016-1-FAB
Dog IgG F(ab') ₂	20016-1-FAB2
Dog IgG (Fc)	20016-1-FC
Dog IgM	20016-2-1
Donkey IgG	20015-1
Duck IgY	20114-1
Goat IgG	20011-1 20011-25 20011-100
Goat IgG Fab	20011-1-FAB
Goat IgG F(ab') ₂	20011-1-FAB2
Goat IgG (Fc) fragment	20011-1-FC
Goat IgM	20011-2-1
Goose IgY	20117-1
G. Pig IgG	20004-1
G. Pig IgM	20004-2-1
Hamster (Syrian) IgG	20003-1
Hamster (Armenian) IgG	20003-1AH
Hamster IgM	20003-2-1

Species	Catalog#
Human IgG	20007-1-1 20007-1-5
Human IgG Fab	20007-1-FAB
Human IgG F(ab') ₂	20007-1-FAB2
Human IgG (Fc)	20007-1-FC 20007-F1000
Human IgM	20007-2 20007-2-5
Human IgM Fab mu	20007-4
Human IgM Fc5u	20007-2-FC5M
Human IgE (myeloma)	20007-3
Human IgE(plasma)	20007-3P
Human IgA	20007-5-1
Human IgA1	20007-6-100
Human IgA2	20007-7-100
Monkey IgG	20012-1
Monkey IgM	20013-1
Mouse IgG	20008-1 20008-5 20008-100 20008-1-100
Mouse IgG1k	20101-1
Mouse IgA	20102-100
Mouse IgG Fab	20008-1-FAB
Mouse IgG F(ab') ₂	20008-1-FAB2
Mouse IgG (Fc)	20008-1-FC
Mouse IgG1	20102-101
Mouse IgG2a	20102-102
Mouse IgG2b	20102-103
Mouse IgG3	20102-104

Species	Catalog#
Mouse IgM	20102-105 20008-2
Mouse IgM	20102-105 20008-2
Mouse IgE	20102-106
Mouse IgA, IgGs (1, 2a, 2b, 3), IgM, and IgE set	20102-SET
Pig IgG	20017-1
Pig IgM	20017-2-1
Rabbit IgG	20009-1 20009-25 20009-1-100
Rabbit IgG Fab	20009-1-FAB
Rabbit IgG F(ab') ₂	20009-1-FAB2
Rabbit IgG (Fc)	20009-1-FC
Rabbit IgM	20009-2-1 20039-1000
Rat IgG	20005-1 20005-5
Rat IgG Fab	20005-1-FAB
Rat IgG F(ab') ₂	20005-1-FAB2
Rat IgG (Fc)	20005-1-FC
Rat IgM	20005-2-1
Sheep IgG	20006-1
Sheep IgG (Fab ₂)	30329
Sheep IgM	20006-2
Sheep IgA	20006-3
Turkey IgG	20115-1
Turkey IgY	20211-1
Quail IgG	20311-1 20311-5

Negative Control Sera (Non-immune) for ELISA, Western, and IHC

Please see complete listing at the web site listed under "2 Antibodies & ELISA Reagents Category under Normal/Pre-immune (control) Sera"

Species	Catalog#
Baboon	NBBS-1 & NBBS-5
Bovine	NBOS-10 & NBOS-500
Chicken	NCHS-10 & NCHS-500
Chimpanzee	NCMS-1 & NCMS-5
Cat	NCTS-1 & NCTS-5
Dog	NDOS-1 & NDOS-5
Donkey	NDKS-1 & NDKS-10 & NDKS-500

Species	Catalog#
Duck	NDUS-1
Ferret	NFCS-1 & NFCS-5
Guinea Pig	NGPS-25 & NGPS-5
Goat	NGTS-1 & NGTS-500
Hamster	NGHS-1 & NGHS-5
Hamster (syr)	
Hams (Arm)	NHUS-1 & NHUS-50
Monkey	NMCS-1 (Cyano) NMRS-1 (Rhesus) NSQS-1 (Sq. monkey)

Species	Catalog#
Mouse	NMOS-10 & NMOS-10
Pig/Swine	NPIS-1 & NPIS-10 & NPIS-100
Pigeon	NPNS-1
Rabbit	NRBS-1 & NRBS-10 & NRBS-100
Rat	NRTS-5 & NRTS-10 & NRTS-50
Sheep	NSHS-10 & NSHS-100
Turkey	NTUS-1 &