



WORLD ODISSEY

Proteomics Products



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Proteomics



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- Protein Assays
- Protein Isolation
- Protease Inhibitors
- SDS-PAGE Electrophoresis
- Western-Blot
- Immunodetection
- Immuno Reagents
- Affinity Purification



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Protein Assays



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Product	Catalog No.	Pack Size
BCA Protein Assay	210001	500 Assay
Bradford Protein Assay	210002	2500 Assay
5x Coomassie Brilliant Blue G-250	210003	100mL / 500mL
BSA (5mg/ml)	210004	1mL / 10mL
Folin-Phenol	210005	50mL /100mL

Protein Isolation



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Product	Catalog No.	Pack Size
Native Lysis Buffer	501001	100mL
NP-40 Lysis Buffer	501002	100mL
RIPA Lysis Buffer	501003	100mL
Western & IP Cell Lysis Buffer	501004	100mL
PAGE-Gel Protein Recovery Kit	501011	20 preps
Total Protein Extraction Kit	501012	50 preps
Bacterial Protein Extraction Kit	501013	50 preps
Cytoplasmic Protein Extraction Kit	501014	50 preps
Nucleoprotein Extraction Kit	501015	50 preps
Phosphorylated Protein Extraction Kit	501016	50 preps
Plant Protein Extraction Kit	501017	50 preps
Yeast Protein Extraction Kit	501018	50 preps

Protein Isolation



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Product	Catalog No.	Pack Size
Adipose Tissue Protein Extraction Kit	501101	50 preps
Animal Cell/Tissue Total Protein Extraction Kit	501103	50 preps
Blood Cell Protein Extraction Kit	501104	50 preps
Bone Tissue Protein Extraction Kit	501105	50 preps
Chloroplast Extraction Kit	501106	50 preps
Endoplasmic Reticulum Extraction Kit	501107	50 preps
Endoplasmic Reticulum Protein Extraction Kit	501108	50 preps
Golgi Extraction Kit	501109	50 preps
Golgi Membrane Protein Extraction Kit	501110	50 preps
Golgi Protein Extraction Kit	501111	50 preps
High-fat sample Protein Extraction Kit	501112	50 preps
Insect Protein Extraction Kit	501114	50 preps
Liquid Sample Protein Extraction Kit	501115	50 preps
Lysosomal Protein Extraction Kit	501116	50 preps

Protein Isolation



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Product	Catalog No.	Pack Size
Membrane Protein Extraction Kit	501117	50 preps
Mitochondrial Protein Extraction Kit	501118	50 preps
Plant Chloroplast Membrane Protein Extraction Kit	501119	50 preps
Plasma Protein Extraction Kit	501121	50 preps
Platelet Membrane Protein Extraction Kit	501122	50 preps
Platelet Protein Extraction Kit	501123	50 preps
Ribosome Extraction Kit	501124	50 preps
Serum Protein Extraction Kit	501125	50 preps
Tissue Protein Extraction Kit (Formaldehyde-fixed)	501126	50 preps
Tissue Protein Extraction Kit (Paraffin-embedded)	501127	50 preps
Total Protein Extraction Kit (for Pull-down, co-IP, etc.)	501128	50 preps
Whey Protein Extraction Kit	501129	50 preps
Whole Blood Protein Extraction Kit	501130	50 preps
Whole Blood Protein Extraction Kit (detergent-free)	501131	50 preps

Protease Inhibitors



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Product	Catalog No.	Pack Size
Protease Inhibitor [100x] (EDTA-Free)	501201	1mL
Protein Phosphatase Inhibitor [100x]	501202	1mL
Bacterial Protease Inhibitor [100x]	501203	100 preps
Bacterial Protease Phosphatase Inhibitor [50x]	501204	100 preps
Deacetylase Inhibitor [100x]	501205	100 preps
Fungi/Yeast Protease Inhibitor [100x]	501206	100 preps
Fungi/Yeast Protease Phosphatase Inhibitor [50x]	501207	100 preps
Mammalian Protease Inhibitor [100x]	501208	100 preps
Mammalian Protease Phosphatase Inhibitor [50x]	501209	100 preps
Plant Protease Inhibitor [100x]	501210	100 preps
Plant Protease Phosphatase Inhibitor [50x]	501211	100 preps

Protease Inhibitors

Product	Catalog No.	Pack Size
AEBSF HCl	56103001	25mg / 100mg
Aprotinin	56270001	2mg / 5mg
Benzamidine HCl	56270002	5g
Bestatin HCl	56270003	1mg
E-64	56270004	1mg
Iodoacetamide	56270005	5g
Leupeptin hemisulfate	56270006	2mg / 5mg
Pepstatin A	56270007	5mg
PMSF	56270008	1g / 5g
PMSF [100mM]	56270009	1mL / 10mL
Trypsin Inhibitor from soybean	56270010	100mg

SDS-PAGE Electrophoresis



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Product	Catalog No.	Pack Size
TriColor Prestained Protein Ladder (12 bands; 11 ~ 245kDa)	502001	50 Loads
TriColor Prestained Protein Ladder (13 bands; 5 ~ 245kDa)	502002	50 Loads
2x Laemmli Buffer	502003	5mL
5x Laemmli Buffer	502004	5mL
Coomassie Blue G250	50038420	5g / 10g
Coomassie Blue R250	50038430	5g / 10g
Coomassie Blue Staining/Destaining Kit	502005	Kit
PAGE Gel Silver Stain kit	502310	1kit
Quick-Blu Gel Stain for SDS-PAGE	502006	500mL
Rapid-Stain for SDS-PAGE	502007	100mL
Bind-Silane	502108	25mL
Repel-Silane	502109	200mL

SDS-PAGE Electrophoresis



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Product	Catalog No.	Pack Size
SDS-PAGE Loading Buffer [2x] (with DTT)	502113	10mL
SDS-PAGE Loading Buffer [4x] (with DTT)	502114	10mL
SDS-PAGE Loading Buffer [5x] (with DTT)	502115	10mL
SDS-PAGE Loading Buffer [2x] (with b-Mercaptoethanol)	502116	10mL
SDS-PAGE Loading Buffer [4x] (with b-Mercaptoethanol)	502117	10mL
SDS-PAGE Loading Buffer [5x] (with b-Mercaptoethanol)	502118	10mL
SDS-PAGE Loading Buffer [4x] (Native)	502119	10mL
SDS-PAGE Loading Buffer [5x] (Non-denatured)	502120	10mL
SDS-PAGE Loading Buffer [5x] (Denatured)	502121	10mL
SDS-PAGE Stacking Gel Black dye [200x]	502301	1mL
SDS-PAGE Stacking Gel Blue dye [200x]	502302	1mL
SDS-PAGE Stacking Gel Green dye [200x]	502303	1mL
SDS-PAGE Stacking Gel Red dye [200x]	502304	1mL

SDS-PAGE Electrophoresis



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Product	Catalog No.	Pack Size
Acrylamide/Bisacrylamide [30%; 29:1]	502101	100mL / 500mL
Acrylamide/Bisacrylamide [40%; 19:1]	502102	100mL / 500mL
Acrylamide/Bisacrylamide [40%; 37.5 :1]	502103	100mL / 500mL
Acrylamide/Bisacrylamide [49.5%T, 3%C]	502104	100mL / 500mL
Acrylamide/Bisacrylamide [49.5%T, 6%C]	502105	100mL / 500mL
Ammonium Persulphate [10%]	502106	1mL
DTT [1M]	502107	1mL / 5mL
SDS [10%]	502110	100mL / 500mL
SDS [20%]	502111	100mL / 500mL
Tris-HCl [1M] (pH 6.8)	502138	100mL / 500mL
Tris-HCl [1.5M] (pH 8.8)	502139	100mL / 500mL
SDS-PAGE Gel Premix [5%]	502112	100mL
SDS-PAGE Gel Preparation kit	502300	25 preps / 50 preps
SDS-PAGE Separation Buffer [4x] (pH 8.8)	502122	100mL / 500mL
SDS-PAGE Spacer Buffer [4x] (pH 6.8)	502128	100mL / 500mL

SDS-PAGE Electrophoresis

Product	Catalog No.	Pack Size
Carrier Ampholyte (pH 3-10; 40%)	502201	12mL
Carrier Ampholyte (pH 4-6; 40%)	502202	12mL
Carrier Ampholyte (pH 5-7; 40%)	502203	12mL
Carrier Ampholyte (pH 6-9; 40%)	502204	12mL
SDS-PAGE Separation Gel Premix [%]	5021**	100mL / 500mL
SDS-PAGE Gel Rapid Preparation kit [%]	5023**	25 preps / 50 preps
Stain-free PAGE Gel Rapid Preparation kit (%)	5023**	20 preps / 50 preps
Tris-Glycine Gel Running Buffer [1x] (powder)	502129	5 x 1L / 10 x 1L
Tris-Glycine Gel Running Buffer [5x] (powder)	502130	1L
Tris-Glycine Gel Running Buffer [5x]	502131	500ml
Tris-Tricine Gel Running Buffer	502132	100mL / 500mL
Tris-Tricine Gel Loading Buffer [2x] (with DTT)	502133	5mL / 10mL
Tris-Tricine Anode Buffer [1x]	502134	500ml
Tris-Tricine Anode Buffer [10x]	502135	100mL
Tris-Tricine Cathode Buffer [1x]	502136	500ml
Tris-Tricine Cathode Buffer [10x]	502137	100mL

Western-Blot Reagents



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Product	Catalog No.	Pack Size
Denhardt's Solution [50x]	503001	50mL
SSC Buffer [20x, pH 5.3]	503002	100mL / 500mL
SSC Buffer [20x, pH 7.0]	503003	100mL / 500mL
SSC Buffer [20x, pH 7.4]	503004	100mL / 500mL
Western Blocking Buffer	503005	100mL / 500mL
Western Stripping Buffer	503006	100mL / 500mL
Western Transfer Buffer [1x] (powder)	503007	5 x 1L / 10 x 1L
Western Transfer Buffer [10x] (powder)	503008	1L
Western Transfer Buffer [10x]	503009	500mL
Quick Western Transfer Buffer [1x] (powder)	503012	1L / 10 x 1L
Quick Western Transfer Buffer [10x] (powder)	503013	1L / 10 x 1L
Quick Western Transfer Buffer [10x] (w/o methanol)	503014	100mL / 500mL
Membrane Regeneration solution	503010	100mL / 500mL
Membrane Regeneration solution (Advanced)	503011	100mL / 500mL

Immunodetection Reagents



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Product	Catalog No.	Pack Size
ABTS diammonium salt	56280001	1g
AEC	56280002	5g
AP (Alkaline Phosphatase)	56101001	100mg
BCIP	56280004	100mg
DAB	56101002	5g
DAB 4HCl	56101003	1g
DAB 4HCl hydrate	56921662	1g
FITC (Fluorescein Isothiocyanate)	56101004	100mg
HRP (Peroxidase)	56280009	10mg
INT	56908262	1g
ONPG	56924590	1g
pNPP sodium hydrate	56911101	5g
pNPP disodium hexahydrate	56101005	5g
TMB	56925675	1g

Immunodetection Substrates



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Product	Catalog No.	Pack Size
AEC/HRP substrate kit [20x]	56280003	3 x 1mL
BCIP/NBT substrate kit [25x]	56280005	25mL / 125mL
DAB substrate kit [20x]	56280006	3mL / 10mL
Enhance DAB substrate kit [20x]	56280007	3mL / 10mL
ECL-Plus substrate	56280008	2 x 50mL
Poly-HRP IHC probe (universal)	56480001	6mL / 15mL
Poly-HRP PLUS IHC probe (universal)	56480002	6mL / 15mL
TMB Substrate (single-component)	56280010	100mL
TMB Substrate (two-components)	56280011	2 x 250mL

Immunodetection Kit (for Western Blot)

ECL PLUS Detection Kit is a set of reagents optimized for the western-blot detection.

Kit components: ECL PLUS Substrate, HRP antibody, Antibody Diluent and Blocking Reagent.

DAB Chromogenic Kit is a complete kit optimized for the western-blot detection.

Kit components: DAB Substrate, HRP antibody, Antibody Diluent and Blocking Reagent.

Product	Catalog No.	Pack Size
DAB (Goat IgG)	504101	Kit
DAB (Mouse IgG)	504102	Kit
DAB (Rabbit IgG)	504103	Kit
ECL Plus (Goat IgG)	504201	Kit
ECL Plus (Human IgG)	504202	Kit
ECL Plus (Mouse IgG)	504203	Kit
ECL Plus (Rabbit IgG)	504204	Kit



Immunodetection Kit (for IHC)

Streptavidin-based assay kits is specially designed for distribution of antigens on tissues and cells in IHC and other immunodetection analyses. Streptavidin has extraordinarily strong affinity to biotin molecules. The isoelectric point of streptavidin is closed to neutral; therefore, the nonspecific adsorption for tissue and cell is too low. In brief, SABC offers high specificity, low background and ease-of-use.

Product	Description	Catalog No.
Streptavidin-Biotin Assay	Goat IgG-AP	504311
	Goat IgG-FITC	504312
	Goat IgG-HRP	504313
	Mouse IgG-AP	504314
	Mouse IgG-FITC	504315
	Mouse IgG-HRP	504316
	Rabbit IgG-AP	504317
	Rabbit IgG-FITC	504318
	Rabbit IgG-HRP	504319
	Mouse IgG + Rabbit IgG-AP	504320
	Mouse IgG + Rabbit IgG-FITC	504321
	Mouse IgG + Rabbit IgG-HRP	504322
	Goat IgG FITC + HRP	504323
	Mouse IgG FITC + HRP	504324
	Rabbit IgG FITC + HRP	504325
Streptavidin-HRP Assay	Goat IgG	504401
	Mouse IgG	504402
	Rabbit IgG	504403
	Mouse IgG + Rabbit IgG	504404

Immuno Reagents (for ELISA, WB & IHC)



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Product	Catalog No.	Pack Size
Avidin [FITC conjugated]	505101	100µL
Avidin [HRP conjugated]	505102	100µL
Biotin [HRP conjugated]	505103	100µL
BSA [Biotin conjugated]	505104	100µL
BSA [FITC conjugated]	505105	100µL
BSA [HRP conjugated]	505106	100µL
Streptavidin [FITC conjugated]	505107	100µL
Streptavidin [HRP conjugated]	505108	100µL
Normal Chicken serum	505201	10mL
Normal Donkey serum	505202	10mL
Normal Goat serum	505203	10mL
Normal Horse serum	505204	10mL
Normal Human Serum	505205	5mL
Normal Rabbit serum	505206	10mL
Normal Sheep serum	505207	10mL

Immuno Reagents (for ELISA & IHC)



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Product	Catalog No.	Pack Size
Antibody Diluent (advance)	505001	10mL / 50mL
Antibody Diluent (ordinary)	505002	10mL / 50mL
Antibody Diluent [AP]	505003	10mL / 50mL
Antibody Diluent [FITC]	505004	10mL / 50mL
Antibody Diluent [HRP]	505005	10mL / 50mL
BSA Blocking Buffer [5%]	505014	100mL / 500mL
ELISA Coating Buffer [1x]	505016	100mL / 500mL
ELISA Coating Buffer [10x]	505017	100mL / 500mL
ELISA Stop Solution (blocking reagent for TMB)	505018	100mL / 500mL
EDTA Decalcifying Solution (pH 7.2)	505019	100mL / 500mL
Endogenous Avidin-Biotin Blocking Kit	505020	2 x 100mL
Permeabilizer (Saponin)	505029	100mL / 500mL
Poly-L-Lysine [10x]	505030	10mL
Trypsin Digestion solution [0.1%]	505032	10mL

Immuno Reagents (for IHC)



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Product	Catalog No.	Pack Size
Antigen Retrieval [1x]	505006	100mL / 500mL
Antigen Retrieval [1x] (for Frozen Sections)	505007	100mL / 500mL
Antigen Retrieval Solution - EDTA, pH 8.0 [1x]	505008	100mL / 500mL
Antigen Retrieval Solution - EDTA, pH 8.0 [50x]	505009	100mL / 500mL
Antigen Retrieval Solution - Sodium Citrate [1x]	505010	100mL / 500mL
Antigen Retrieval Solution - Sodium Citrate [50x]	505011	100mL / 500mL
Antigen Retrieval Solution - Tris-EDTA, pH 9.0 [1x]	505012	100mL / 500mL
Antigen Retrieval Solution - Tris-EDTA, pH 9.0 [50x]	505013	100mL / 500mL
Dewaxing Solution	505015	500mL
Endogenous Biotin Blocking Solution	505021	100mL
Mounting Medium (Glycerol Gelatin)	505022	10mL
Mounting Medium, Antifading	505023	5mL / 25mL
Mounting Medium, Antifading with DAPI	505024	5mL / 25mL
Neutral Balsam	505025	100mL
Paraformaldehyde [1%]	505026	100mL / 500mL
Paraformaldehyde [4%]	505027	100mL / 500mL
Paraformaldehyde [8%]	505028	100mL / 500mL

Immuno Reagents (for IHC)



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Product	Catalog No.	Pack Size
Formalin Fixative [10%]	505051	500mL / 5L
Formalin Fixative (Neutral) [10%]	505052	500mL / 5L
Formalin Fixative (Neutral; RNase free) [10%]	505053	500mL
Formalin Alcohol Fixative	505054	500mL
Formalin Ammonium Bromide (FAB) Fixative	505055	500mL
Formalin Calcium Fixative	505056	500mL
Formalin Calcium Fixative (Neutral)	505057	500mL
Formalin Zinc Fixative	505058	500mL
Glutaraldehyde Fixative (2.5%)	505059	500mL
Glutaraldehyde Fixative [4%]	505060	500mL
BS Fixative	505061	500mL
Carnoy's Fixative	505062	100mL
Carnoy's Fixative-II	505063	100mL
Clarke's Fixative	505064	500mL
Davidson's Fixative	505065	100mL
Hollande's Fixative	505066	500mL
Muller's Fixative	505067	500mL
Metabolic Bone Disease Fixative	505068	500mL
Orth Fixative	505069	500mL
PLP Fixative	505070	500mL

Affinity Purification (Agarose Beads & Columns)



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Product	Catalog No.	Pack Size
AR Protein A 4FF	506051	5mL / 10mL
AR Protein A-LX	506061	5mL / 10mL
Protein A 4FF	506011	5mL / 10mL
Protein G 4FF	506021	5mL / 10mL
Protein A/G 4FF	506031	5mL / 10mL
Protein L 4FF	506041	5mL / 10mL
Ni-NTA 6FF	506111	5mL / 25mL
Ni-IDA 6FF	506121	5mL / 25mL
Co-NTA 6FF	506112	5mL / 25mL
Cu-IDA	506122	5mL / 25mL
Zn-IDA	506123	5mL / 25mL
Glutathione 4FF	506131	5mL / 25mL
Streptavidin 6FF	506132	5mL / 25mL



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