

## Enzyme Immunoassay Reagents - Buyer's Guide

### Diluents and Stabilizers

#### HRP Stabilizing Diluent (Phosphate Buffered)

**Description:** This product has been developed to significantly increase the shelf life of diluted peroxidase labeled proteins. Stability is increased at room temperature storage conditions in addition to 2-8° centigrade. This product is subjected to 0.2 micron filtration, and contains no mercury or azide. This formulation insures consistently high levels of activity for both the enzyme and the antibody following long-term storage at final-use dilution. HRP Stabilizer greatly improves the signal to noise ratios which increases the immunoassay sensitivity and offers cleaner assays. This product has been chemically engineered to increase conjugate stability providing the customer a longer shelf life, resistance to various shipping conditions & storage temperatures and improved day to day assay precision.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
HSB500	500 ml	\$65.00
HSB999	1000 ml	\$102.00

#### HRP Stabilizing Diluent (MOPS Buffered)

**Description:** HRP Stabilizing Diluent (MOPS Buffered) has been developed specifically for the stabilization of Horseradish Peroxidase conjugates in solution. HRP Stabilizer prevents the loss of catalytic activity and maintains the conformation of the antibody or protein antigen portion of the conjugate. Product is filtered at 0.2 microns.

Contents: Aqueous, protein-containing diluent and stabilizer for Horseradish Peroxidase conjugates.

Preservative: 0.02% Bromonitrodioxane, 0.02% 2-Methyl-4-isothiazolin-3-one, 0.005% Proclin 300 (Proclin is a registered trademark of Rohm & Haas Company), and 0.0008% Neomycin.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
HSM500	500 ml	\$65.00
HSM999	1000 ml	\$102.00

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#### Alk-Phos Stabilizing Diluent

**Description:** This reagent is formulated specifically for Alkaline Phosphatase conjugates. The product insures consistently high levels of activity for both the enzyme and the antibody following long-term storage at final dilution. This product has been chemically engineered to increase conjugate stability providing the customer a longer shelf life, resistance to various shipping conditions and storage temperatures. Alk-Phos Stabilizing Diluent is filtered at 0.2 um and reinforced with a non-mercury or azide-free preservative. Inquire about custom vialing, labeling, kit assembly and drop shipping.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
HSM500	500 ml	\$65.00
HSM999	1000 ml	\$102.00

#### Normal Antibody Diluent (Phosphate Buffered)

**Description:** Provided as a ready-to-use diluent for primary antibodies and link/secondary antibodies. In most cases, antibodies diluted in this reagent can be stored at 4-8° C for up to 18 months. Diluent is subjected to 0.2 micron filtration.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
ABB500	500 ml	\$54.00
ABB999	1000 ml	\$81.00
ABB-20000	20 liters	\$955.00

#### Normal Antibody Diluent (Tris Buffered)

**Description:** Provided as a ready-to-use diluent for primary antibodies and link/secondary antibodies. In most cases, antibodies diluted in this reagent can be stored at 4-8° C for up to 18 months. Diluent is subjected to 0.2 micron filtration.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
ADT500	500 ml	\$54.00
ADT999	1000 ml	\$81.00
ADT-20000	20 liters	\$955.00

#### ELISA Binding Buffer

**Description:** Formulated to maximize the adsorption efficiency of antibodies and antigens onto polystyrene plate surfaces. This reagent is ready-to-use and requires no modification prior to use.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
EBB500	500 ml	\$31.00
EBB999	1000 ml	\$49.00

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### Coating Stabilizer

**Description:** Coating Stabilizer has been developed specifically for the stabilization of adsorbed or immobilized proteins on microwell plates/strips. Coating Stabilizer maintains the conformation and activity of the antibody or protein antigen portion of the dried immunoassay components. Product is filtered at 0.2 microns.

Contents: Aqueous, protein-containing stabilizer and blocking solution in phosphate buffer for dried protein components in immunoassays.

Preservative: 0.02% Bromonitrodioxane, 0.02% 2-Methyl-4-isothiazolin-3-one.

pH 7.2 - 7.7

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
CSB500	500 ml	\$65.00
CSB999	1000 ml	\$102.00

### ELISA Sample Diluent

**Description:** This reagent is formulated for use as a sample diluent to ensure that the analyte is measured accurately. It is used to dilute the sample within the assay target range.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
ESD500	500 ml	\$65.00
ESD999	1000 ml	\$102.00

## Blocking Buffers

### Super Block

**Description:** Is a unique serum-free protein block for immunochemistry. Super Block eliminates the need for matching species with the link antibody and is often, more effective at reducing non-specific background staining than normal serum. This product is currently being used in a variety of applications including, Immunohistochemistry, ELISA plate blocking, and blotting. For OEM customers, this product can be modified to meet individual assay needs. Inquire about custom vialing, labeling, kit assembly and drop shipping.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
AAA500	500 ml	\$60.00
AAA999	1000 ml	\$85.00
AAA-20000	20 liters	\$1,062.00

### EZ Block

**Description:** EZ Block has been developed to use with immunolabeling techniques for the reduction of nonspecific background staining, and simultaneously reducing the handling of animal serums in the laboratory. The need to match species with the secondary antibody is eliminated due to the lack of normal serum in this product. EZ Block has been shown to be effective for immunohistochemical, ELISA, blot and In-situ techniques and requires no mixing or diluting.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
EZB500	500 ml	\$70.00
EZB999	1000 ml	\$110.00
EZB-10000	10 liters	\$690.00

### Pro Block

**Description:** Is a unique serum-free protein block for immunochemistry. Super Block eliminates the need for matching species with the link antibody and is often, more effective at reducing non-specific background staining than normal serum. This product is currently being used in a variety of applications including, Immunohistochemistry, ELISA plate blocking, and blotting. For OEM customers, this product can be modified to meet individual assay needs. Inquire about custom vialing, labeling, kit assembly and drop shipping.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
PBK500	500 ml	\$54.00
PBK999	1000 ml	\$81.00
PBK-20000	20 liters	\$918.00

## Chromogenic Substrates

### TMB Soluble Reagent (Standard Sensitivity)

**Description:** TMB - This standard sensitivity liquid substrate for peroxidase consists of Tetramethylbenzidine (TMB) plus dilute hydrogen peroxide in a single-reagent stabilized form. The reagent has been specifically formulated for measuring peroxidase in ELISA systems which is stable for long-term storage providing sensitivity greater than OPD. This reagent is available as a single component, ready-to-use reagent. When used in conjunction with our proprietary TMB Stop Buffer (TSB), the resulting color product will not fade or darken for several hours. Our TMB products have been in production for over twenty years and have built a reputation for robust performance, unparalleled stability and next to zero lot-to-lot variation.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
TM1500	500 ml	\$75.00
TM1999	1000 ml	\$118.00
TM1-20000	20 liters	\$1,803.00

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### TMB Soluble Reagent (High Sensitivity)

**Description:** TMB - This high sensitivity liquid substrate for peroxidase consists of Tetramethylbenzidine (TMB) plus dilute hydrogen peroxide in a single-reagent stabilized form. The reagent has been specifically formulated for measuring peroxidase in ELISA systems which is stable for long-term storage providing sensitivity greater than OPD. This reagent is available as a single component, ready-to-use reagent. When used in conjunction with our proprietary TMB Stop Buffer (TSB), the resulting color product will not fade or darken for several hours. Our TMB products have been in production for over twenty years and have built a reputation for robust performance, unparalleled stability and next to zero lot-to-lot variation.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
TM4500	500 ml	\$81.00
TM4999	1000 ml	\$123.00
TM4-20000	20 liters	\$2,015.00

### TMB Soluble Reagent (Aqueous)

**Description:** TMB - This high sensitivity liquid substrate for peroxidase consists of Tetramethylbenzidine (TMB) plus dilute hydrogen peroxide in a single-reagent stabilized form. The reagent has been specifically formulated for measuring peroxidase in ELISA systems which is stable for long-term storage providing sensitivity greater than OPD. This reagent is available as a single component, ready-to-use reagent. When used in conjunction with our proprietary TMB Stop Buffer (TSB), the resulting color product will not fade or darken for several hours. Our TMB products have been in production for over twenty years and have built a reputation for robust performance, unparalleled stability and next to zero lot-to-lot variation.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
TMA500	500 ml	\$86.00
TMA999	1000 ml	\$149.00
TMA-20000	20 liters	\$2,545.00

### TMB Stop Buffer

**Description:** TMB - This high sensitivity liquid substrate for peroxidase consists of Tetramethylbenzidine (TMB) plus dilute hydrogen peroxide in a single-reagent stabilized form. The reagent has been specifically formulated for measuring peroxidase in ELISA systems which is stable for long-term storage providing sensitivity greater than OPD. This reagent is available as a single component, ready-to-use reagent. When used in conjunction with our proprietary TMB Stop Buffer (TSB), the resulting color product will not fade or darken for several hours. Our TMB products have been in production for over twenty years and have built a reputation for robust performance, unparalleled stability and next to zero lot-to-lot variation.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
TSB500	500 ml	\$22.00
TSB999	1000 ml	\$33.00
TSB-20000	20 liters	\$425.00

### Wash Buffers

#### Phosphate Buffered Saline (10x) pH 7.4

**Description:** ScyTek Phosphate Buffered Saline (10x) pH 7.4 is an optimal formulation of pH stabilizers and salts designed to effectively remove excess material from the microtiter plate wells without disrupting the ELISA binding reaction. By maintaining the proper buffering environment, unbound components can be washed away without suppressing antigen-antibody binding interactions, thereby reducing nonspecific background and increasing the specific signal. Our Wash buffers do not contain hazardous preservatives such as Azide or Mercury that may interfere with antibody-antigen binding interactions. For your convenience wash buffer is offered in a wide variety of formulations to meet the needs of your specific ELISA application. This product can be customized to meet the specific needs of your assay.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
PBD500	500 ml	\$22.00
PBD999	1000 ml	\$33.00
PBD-20000	20 liters	\$298.00

#### Phosphate Buffered Saline + Tween 20 (10x) pH 7.4

**Description:** ScyTek Phosphate Buffered Saline + Tween 20 (10x) pH of 7.4 is an optimal formulation of pH stabilizers, salts and detergents designed to effectively remove excess material from the microtiter plate wells without disrupting the ELISA binding reaction. By maintaining the proper buffering environment, unbound components can be washed away without suppressing antigen-antibody binding interactions, thereby reducing nonspecific background and increasing the specific signal. Our Wash buffers do not contain hazardous preservatives such as Azide or Mercury that may interfere with antibody-antigen binding interactions. For your convenience wash buffer is offered in a wide variety of formulations to meet the needs of your specific ELISA application. This product can be customized to meet the specific needs of your assay.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
PBE500	500 ml	\$22.00
PBE999	1000 ml	\$33.00
PBE-20000	20 liters	\$298.00

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### Tris Buffered Saline (10x) pH 7.5

**Description:** ScyTek Tris Buffered Saline (10x) pH of 7.5 is an optimal formulation of pH stabilizers, salts and detergents designed to effectively remove excess material from the microtiter plate wells without disrupting the ELISA binding reaction. By maintaining the proper buffering environment, unbound components can be washed away without suppressing antigen-antibody binding interactions, thereby reducing nonspecific background and increasing the specific signal. Our Wash buffers do not contain hazardous preservatives such as Azide or Mercury that may interfere with antibody-antigen binding interactions. For your convenience wash buffer is offered in a wide variety of formulations to meet the needs of your specific ELISA application. This product can be customized to meet the specific needs of your assay.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
TBD500	500 ml	\$27.00
TBD999	1000 ml	\$43.00
TBD-20000	20 liters	\$404.00

### Tris Buffered Saline + Tween 20 (10x) pH 7.5

**Description:** ScyTek Tris Buffered Saline + Tween 20 (10x) pH of 7.5 is an optimal formulation of pH stabilizers, salts and detergents designed to effectively remove excess material from the microtiter plate wells without disrupting the ELISA binding reaction. By maintaining the proper buffering environment, unbound components can be washed away without suppressing antigen-antibody binding interactions, thereby reducing nonspecific background and increasing the specific signal. Our Wash buffers do not contain hazardous preservatives such as Azide or Mercury that may interfere with antibody-antigen binding interactions. For your convenience wash buffer is offered in a wide variety of formulations to meet the needs of your specific ELISA application. This product can be customized to meet the specific needs of your assay.

<u>Catalog#</u>	<u>Volume</u>	<u>Price</u>
TBE500	500 ml	\$27.00
TBE999	1000 ml	\$43.00
TBE-20000	20 liters	\$404.00