Product Overview

Labeling and Conjugation Kits, High Quality Stable Liquid Substrates, Conjugates and Stabilizing Diluents

for ELISA, Western Blot, Flow Cytometry, and Multiplexing Platforms such as Luminex™

► MOSS-Link™ Conjugation and Labeling Kits

► Substrates

► Stabilizing Diluents

► Liquid Stable Conjugates

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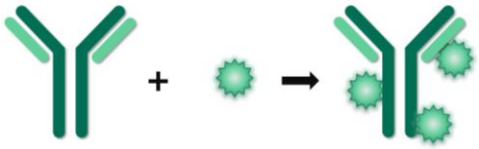
MOSS-Link™ Conjugation and Labeling Kits

Produce you own IgG conjugates with the MOSS Biotin Labeling or Conjugation Kits.

These kits utilize a **novel chemistry** to generate highly reproducible IgG conjugates with a simple procedure. The resulting conjugates are extremely stable and have a high activity. The incorporation of the conjugates is highly efficient so that a purification is usually not required. All kits are completely scalable for conjugates from 0.1 to 1 gram IgG per reaction. The performance of the products in the kits is guaranteed for a minimum of 12 months when stored as recommended.

MOSS-Link Conjugation Kits

Produce your own IgG conjugates



MOSS-Link™ Biotin Labeling Kit contains pre-measured active biotinylation reagent coated onto a tube surface (stored at room temperature), quenching reagent and BSA solution (both stored at 2-8 °C). It can be used with up to 10 mg/ml (1%) BSA as carrier protein and the Biotin incorporation is highly efficient.
The **FITC-Labeling Kit** works exactly the same way.

MOSS-Link™ PE Conjugation Kit is an excellent kit for preparing bright, stable and reproducible antibody-PE conjugates for bead based immunoassays (also for multiplexing platforms like Luminex®) and high quality reagents for flow cytometry. The kit of choice for preparing a corresponding antibody-HRP conjugate, used in immunochemistry assays, is the **MOSS-Link™ HRP Conjugation Kit**.

The reagents of **MOSS-Link™ AP-, HRP and -PE Conjugation Kits** (concentrated IgG activator, activated HRP or RPE (HRP-Z™/RPE-Z™), quenching reagent) are supplied in liquid format. For the conjugation procedure PBS, deionized water and desalting columns are additionally required. You can customize the AP:IgG, HRP:IgG or PE:IgG ratio to create optimized conjugates for different applications. The conjugates have greatly improved stability vs Lightning-Link™ and other conjugation chemistries.

Each conjugation kit includes all reagents needed to conjugate the stated amount of IgG for HRP at a HRP:IgG ratio of 4:1 for AP at a AP:IgG ratio of 2:1 and for PE at a PE:IgG ratio of 1:1. However, lower or higher ratios may give better results depending upon the antibody characteristics and the intended end-use. Conjugates for bead based immunoassay platforms may perform optimally at a different PE:IgG molar ratio than conjugates used for flowcytometry, and conjugates for ELISA at a different HRP:IgG molar ratio than conjugates to be used for immunohistochemistry. You can choose and produce the desired conjugate:IgG ratio.

MOSS-Link AP Conjugation Kit	
Cat. No.	**Quantity**
AP-Link-AC	1 x 0.1 mg
AP-Link-CC	3 x 0.1 mg
AP-Link-JC	10 x 0.1 mg
AP-Link-AF	1.0 mg
AP-Link-AG	5.0 mg
AP-Link-AH	10.0 mg

MOSS-Link APC Conjugation Kit	
Cat. No.	**Quantity**
APC-Link-AC	1 x 0.1 mg
APC-Link-CC	3 x 0.1 mg
APC-Link-JC	10 x 0.1 mg
APC-Link-AF	1.0 mg
APC-Link-AG	5.0 mg
APC-Link-AH	10.0 mg

MOSS-Link Biotin Labeling Kit	
Cat. No.	**Quantity**
BIO-Link-AC	1 x 0.1 mg
BIO-Link-CC	3 x 0.1 mg
BIO-Link-JC	10 x 0.1 mg
BIO-Link-AF	1.0 mg
BIO-Link-AG	5.0 mg
BIO-Link-AH	10.0 mg

MOSS-Link FITC Conjugation Kit	
Cat. No.	**Quantity**
FITC-Link-AC	1 x 0.1 mg
FITC-Link-CC	3 x 0.1 mg
FITC-Link-JC	10 x 0.1 mg
FITC-Link-AF	1.0 mg
FITC-Link-AG	5.0 mg
FITC-Link-AH	10.0 mg

MOSS-Link HRP Conjugation Kit	
Cat. No.	**Quantity**
HRP-Link-AC	1 x 0.1 mg
HRP-Link-CC	3 x 0.1 mg
HRP-Link-JC	10 x 0.1 mg
HRP-Link-AF	1.0 mg
HRP-Link-AG	5.0 mg
HRP-Link-AH	10.0 mg

MOSS-Link PE Labeling Kit	
Cat. No.	**Quantity**
PE-Link-AC	1 x 0.1 mg
PE-Link-CC	3 x 0.1 mg
PE-Link-JC	10 x 0.1 mg
PE-Link-AF	1.0 mg
PE-Link-AG	5.0 mg
PE-Link-AH	10.0 mg

NEW! MOSS-Link OLIGO-Protein Conjugation Kit	
Cat. No.	**Quantity**
OLIGO-Link-AC	1 x 0.1 mg
OLIGO-Link-CC	3 x 0.1 mg
OLIGO-Link-JC	10 x 0.1 mg
OLIGO-Link-AF	1.0 mg
OLIGO-Link-AG	5.0 mg
OLIGO-Link-AH	10.0 mg

Stable Enhanced Chemiluminescent Substrates for ELISA and Western Blot

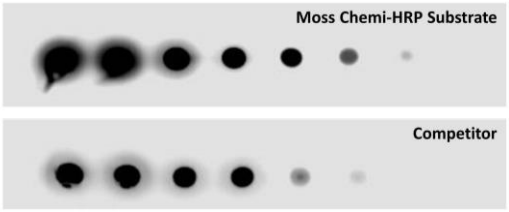
Chemiluminescent HRP Substrate

Two components. Stable for 36 months at 2 - 8 °C.
This chemiluminescent substrate is a highly sensitive two component reagent of Enhanced Luminol Solution (Part A) and Stabilized Peroxidase Solution (Part B) for quantitative detection of HRP bound to a **solid phase or in free solution**. The working solution is stable for 24 hours in the dark at room temperature.

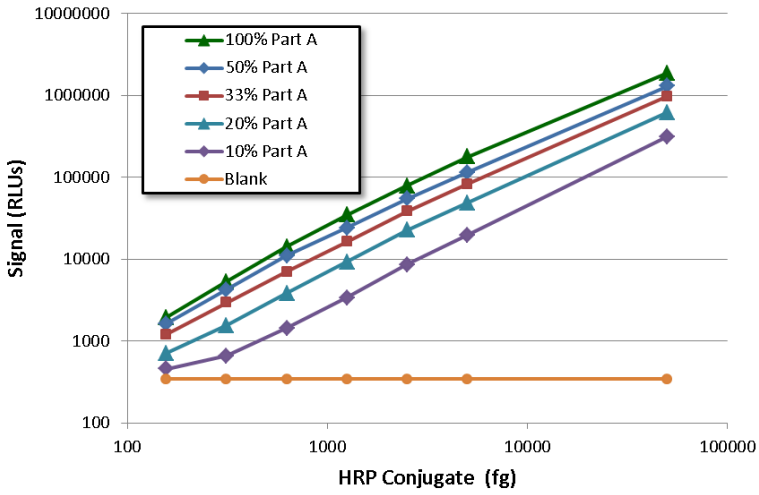
ChemiHRPSubstrate and ChemiHRP Diluent	
Cat. No.	**Quantity**
ChemiHRP-100	100 ml (50 ml Part A + 50 ml Part B)
ChemiHRP-500	500 ml (250 ml Part A + 250 ml Part B)
ChemiHRP-1000	1000 ml (500 ml Part A + 500 ml Part B)
ChemiHRP-DIL	1000 ml Part A Diluent

Optional Component
ChemiHRP-DIL is a diluent that can be used to dilute Part A to adjust the signal strength to a level consistent with the specific sensitivity and dynamic range requirements of an assay.

► HRP Dot Blott Dilution Series



► Dilution of Luminol (Part A) with Diluent



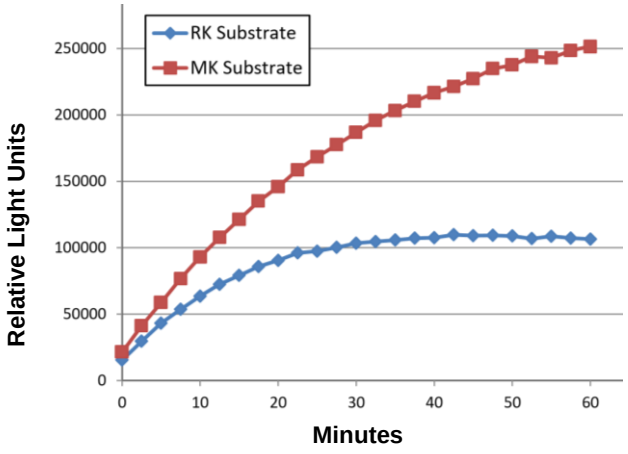
Chemiluminescent AP Substrate

One component. Stable for 12 months at 2 - 8 °C.
This chemiluminescent substrate is a highly sensitive single component reagent for the quantitative detection of alkaline phosphatase (AP) bound to a **solid phase or in free solution**. The substrate yields a linear response with the concentrations of AP commonly employed in immunological assays.
Optional diluents can be used to adjust the signal strength to a level consistent with the specific sensitivity and dynamic range requirements of an assay.

ChemiAP Rapid Kinetic Substrate	
Cat. No.	**Quantity**
ChemiAP-RK100	100 ml
ChemiAP-RK500	500 ml
ChemiAP-RK1000	1000 ml
ChemiAP-RKDIL	1000 ml

ChemiAP Maximum Kinetic Substrate	
Cat. No.	**Quantity**
ChemiAP-MK100	100 ml
ChemiAP-MK500	500 ml
ChemiAP-MK1000	1000 ml
ChemiAP-MKDIL	1000 ml

►The difference between ChemiAP RK und MK Substrates



RK (Rapid Kinetic) Substrate has a strong initial activity and reaches 90 % of maximum signal after approximately 20 minutes.

MK (Maximum Kinetic) Substrate, a more powerful substrate, has a higher initial reaction rate than RK and produces 90 % of maximum signal after approximately 45 minutes.

Both substrates will emit light for several hours.

Stable Liquid substrates for HRP

Soluble HRP Substrates

TMB-HK (2.5 mMol/L)

One component. Stable for 36 months at 2 - 8 °C. Non-toxic!

TMBHK (High Kinetic TMB) achieves the highest optical density with colour development in as little as 1 minute! Incubate 2-15 minutes and stop with Hydrochloric or Sulfuric Acid to obtain a stable yellow colour. Read at 450 nm. Applications include visual assays or assays that need high sensitivity in short incubation time.

TMB-HK – High Kinetic TMB	
Cat. No.	**Quantity**
TMBHK-100	100 ml
TMBHK-500	500 ml
TMBHK-1000	1000 ml

TMB-US (2.08 mMol/L)

One component. Stable for 36 months at 2 - 8 °C. Non-toxic!

Ultra Sensitive TMB. Incubate 2-15 minutes and read the blue colour at 650 nm. Use of a stop solution produces a yellow end product that can be read at 450 nm. The yellow colour is stable for up to 2 hours! TMB-US is about 20% less reactive compared to TMB-HK (can vary depending on assay).

TMB-US – Ultra Sensitive TMB	
Cat. No.	**Quantity**
TMBUS-100	100 ml
TMBUS-500	500 ml
TMBUS-1000	1000 ml

TMB-E (1.25 mMol/L)

One component. Stable for 36 months at 2 - 8 °C. Non-toxic!

Suitable for most ELISA assays. Incubate 5-15 minutes and read the blue colour at 650 nm. For added sensitivity, adding a stop solution produces a yellow colour that can be read at 450 nm for 10-20 minutes after stopping. Less reactive then TMB-US.

TMB-E – TMB Extended	
Cat. No.	**Quantity**
TMBE-100	100 ml
TMBE-500	500 ml
TMBE-1000	1000 ml

TMB-Stable Stop (1.56 mMol/L)

One component. Stable for 36 months at 2 - 8 °C. Non-toxic!

Same as TMB-US, but slower acting. Can be used for most ELISA assays for kinetic or endpoint reactions. The yellow product is stable for at least 1 hour displaying less than a 1 % loss in absorbance.

TMB-ES – TMB Stable Stop	
Cat. No.	**Quantity**
TMBES-100	100 ml
TMBES-500	500 ml
TMBES-1000	1000 ml

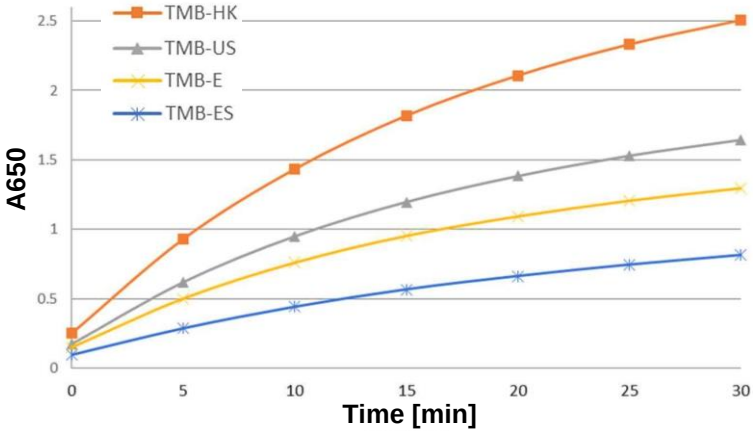
TMB-Diluents

Optimization Buffer for TMB Substrates. Non-toxic!

Used for diluting TMB to achieve desired OD reading while maintaining stability.

TMB Diluents	
Cat. No.	**Quantity**
TMBED-100	100 ml
TMBED-5000	500 ml
TMBED-1000	1000 ml
TMBUSD-100	100 ml
TMBUSD-5000	500 ml
TMBUSD-1000	1000 ml
TMBHKD-100	100 ml
TMBHKD-500	500 ml
TMBHKD-1000	1000 ml

► Comparison Moss TMB Substrates



NEW! TMB Evaluation Pack

Moss Inc. introduces the new TMB Evaluation Pack, containing all soluble TMB substrates and their diluents. This test pack is ideal for customers who need flexibility, as well as for optimization experiments to fine-tune your assay for optimal performance, so you can achieve high levels of accuracy and sensitivity in your diagnostic, research, and industrial applications.

TMB-SK – TMB Evaluation Pack	
Cat. No.	**Description**
TMB-SK	Contains all soluble TMB Substrates and their respective diluents

ABTS (1.46 mMol/L)

One component. Stable for 30 months at 2 - 8 °C. Non-toxic!

ABTS is a soluble, safe, convenient and good overall performing substrate for ELISA. ABTS develops an intense blue-green colour measurable between 405 nm and 410 nm. It may be used for both kinetic and endpoint reactions.

TMB-ES – TMB ABTS	
Cat. No.	**Quantity**
ABTS-100	100 ml
ABTS-500	500 ml
ABTS-1000	1000 ml

Insoluble HRP Substrates

TMB-M (1.13 mMol/L)

One component. Stable for 24 months at 2 - 8 °C. Non-toxic!

A peroxidase substrate which produces a stable, insoluble aquamarine blue precipitate at the reaction site with little or no background. It is ideal for immunoblotting procedures and can significantly increase the detection limits of assays on a variety or membranes. 10-30 minutes read time.

TMB-M – Immunoblotting	
Cat. No.	**Quantity**
TMBM-100	100 ml
TMBM-500	500 ml
TMBM-1000	1000 ml

TMB-H (1.25 mMol/L)

One component. Stable for 36 months at 2 - 8 °C. Non-toxic!

Same as TMBM, but additionally may be used for immunohistochemical procedures and *in situ* hybridization techniques. TMB-H can also be adapted for blotting methods. 10-30 minutes read time.

TMB-H – Histochemistry	
Cat. No.	**Quantity**
TMBH-100	100 ml
TMBH-500	500 ml
TMBH-1000	1000 ml

TMB-MX (1.13 mMol/L)

One component. Stable for 24 months at 2 - 8 °C. Non-toxic!

Recommended for **Microarray**, **Microchip** applications and Immunoblotting. A peroxidase substrate which produces a stable, insoluble blue precipitate at the reaction site with little or no background. 10-30 minutes read time.

TMB-MX – Microarray/Chip	
Cat. No.	**Quantity**
TMBMX-100	100 ml
TMBMX-500	500 ml
TMBMX-1000	1000 ml

DAB (0.0694 Mol/L)

Two component system. Stable for 18 months at 2 - 8 °C.

This substrate is widely used for both immunoblotting and immune-histochemical staining techniques. It produces an insoluble end product that is brown in colour and insoluble in alcohol. It is supplied as 50x concentrate. DAB is a suspected carcinogen. Buffer is supplied as 10x concentrate (pH 7.6 when diluted).

DAB concentrate & buffer	
Cat. No.	**Quantity**
DABM-10	10 ml
DABM-100	100 ml
DABM-500	500 ml
Buffer DABB-50	50 ml
Buffer DABB-500	500 ml

Stable Liquid Substrates for AP

Soluble AP Substrates

p-NPP (4.33 mMol/L)

► ***Improved Quality** – New Formulation, more stable, lower background*

One component. Stable for 30 months at 2 - 8 °C.

This is an excellent substrate for phosphatase based ELISA assays. It produces a soluble end product which is yellow in colour and reads at 405 nm to 410 nm. Both kinetic and end point determinations can be performed. This product is buffered in DEA.

p-NPP substrate & buffer	
Cat. No.	**Quantity**
NPPD-100	100 ml
NPPD-500	500 ml
NPPD-1000	1000 ml
NPPDD-100	100 ml
NPPDD-500	500 ml
NPPDD-1000	1000 ml
NPPDD-5000	5000 ml

NEW! p-NPP Diluent

Optimization Buffer for NPPD.

Substrate Diluent for NPPD. Used for diluting p-NPP to achieve desired OD reading while maintaining stability.

Insoluble AP Substrates

BCIP/NBT Plus (BCIP 0.692 mMol/L) (NBT 0.734 mMol/L)

One component. Stable for 36 months at 2 - 8 °C. Non-toxic!

This reagent may be used for both immunoblotting and immunohistochemical procedures. The system is based on hydrolysis of BCIP and reduction of NBT producing a deep purple reaction product. Moss´ single component substrate is more sensitive than existing products and produces little or no background staining.

BCIP/NBT Plus – Blotting & Histochemistry –	
Cat. No.	**Quantity**
NBTH-100	100 ml
NBTH-500	500 ml
NBTH-1000	1000 ml

BCIP/NBT (BCIP 0.577 mMol/L) (NBT 0.122 mMol/L)

One component. Stable for 36 months at 2 - 8 °C. Non-toxic!

Similar to BCIP/NBT Plus, but formulated for immunoblotting procedures only.

BCIP/NBT – Immunoblotting –	
Cat. No.	**Quantity**
NBTM-100	100 ml
NBTM-500	500 ml
NBTM-1000	1000 ml

Stabilizing Diluents

Moss Inc. offers stabilizing diluents for phycoerytrhin (PE) conjugates, alkaline-phosphatase (AP) conjugates, and horseradish peroxidase (HRP) conjugates. These diluents help to improve stability of enzyme-antibody/-antigen conjugates in their ready-to-use form.

Stabilizing Diluent for AP Conjugates	
Cat. No.	**Quantity**
ALPD 100	100 ml
ALPD-500	500 ml
ALPD-1000	1000 ml

Stabilizing Diluent for HRP Conjugates	
Cat. No.	**Quantity**
HRPD-100	100 ml
HRPD-500	500 ml
HRPD-1000	1000 ml

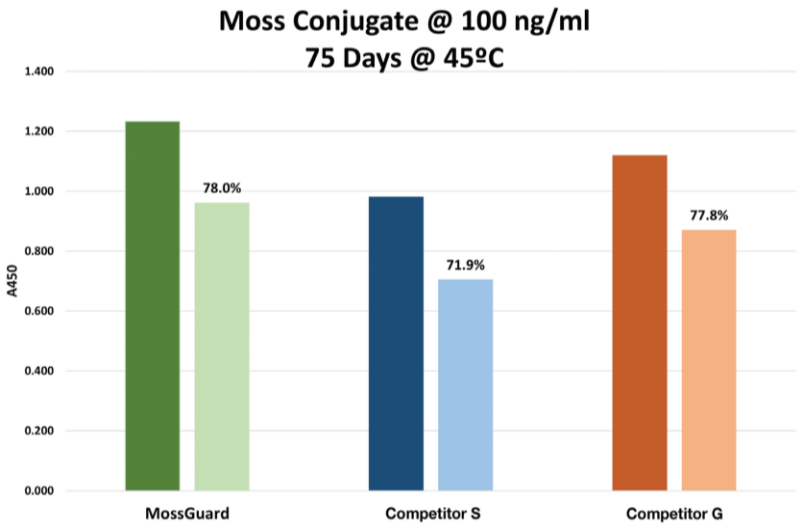
Stabilizing Diluent for PE Conjugates	
Cat. No.	**Quantity**
PECD-100	100 ml
PECD-500	500 ml
PECD-1000	1000 ml

MossGuard™ HRP Conjugate Stabilizing Diluent

- Preserves HRP-activity over a six-month period at room temperature or up to 3 years at 4 °C.
- Compatible dyes are used to make a range of colours. Standard colour for MossGuard-D is red, MossGuard-M is green, MossGuard-T is orange and MossGuard-S is amber coloured.
- Ready-to-use dilution which does not need aliquoting or freezing.
- Compatible with ELISA/EIA, ELISpot, RIA, immunoblots and microarrays.
- Customizable formulation depending on your requirements: MossGuard can be customized in colour, preservative, or BSA-concentration based on your specific assay needs. Available in sizes of 100 ml and 1000 ml.
- Standard BSA-concentration is 5 mg/ml

Moss Guard – Stabilizing Diluent for HRP –			
Cat. No.	**Format**	**Description**	**Quantity**
MGHRP011-100	MossGuard-M	High signal HRP-conjugate stabilizing diluent	100 ml
MGHRP011-1	MossGuard-M	High signal HRP-conjugate stabilizing diluent	1000 ml
MGHRP022-100	MossGuard-T	Emulates “Guardian” in appearances and format	100 ml
MGHRP022-1	MossGuard-T	Emulates “Guardian” in appearances and format	1000 ml
MGHRP033-100	MossGuard-S	Substitute for “Stabilzyme” closely matching performance	100 ml
MGHRP033-1	MossGuard-S	Substitute for “Stabilzyme” closely matching performance	1000 ml
MGHRP044-100	MossGuard-D	Further optimized version of MossGuard-M for even higher signal	100 ml
MGHRP044-1	MossGuard-D	Further optimized version of MossGuard-M for even higher signal	1000 ml
NEW! MGP4A-001	Test Pack	Contains samples of all MossGuard conjugate diluents	4 x 100 ml

►Comparison of MossGuard performance to competitors



► Standard Colours MossGuard

► Custom Colours MossGuard

Liquid Stable Conjugates

Moss Inc. specialized conjugates are produced in homogeneous, liquid stable form in batches ranging from 10 mg to >1000 mg. They are suitable for use on various Immunoassay, Flow Cytometry and Multiplexing platforms such as **Luminex™.** Moss conjugates produce exceptional signal-to-noise ratios and can be customized for maximum performance. These conjugates are stable for 24 – 36 months and have an excellent lot-to-lot reproducibility.

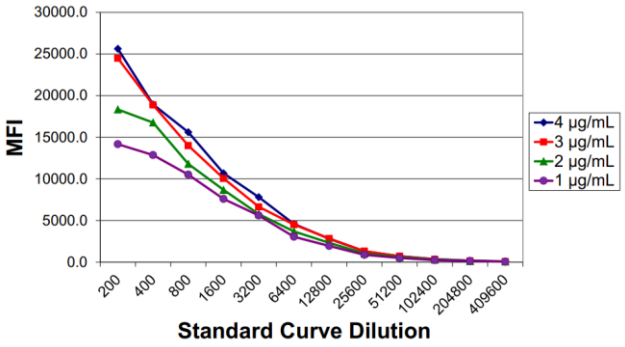
Antibody Conjugates

Moss Inc. offers liquid stable conjuagates of phycoeryhtrin (PE), horseradish peroxidase (HRP) and alkaline phosphatase (AP) with differend immunoglobulins such as IgG, IgA, IgE, or IgM. The standard volume for these antibody conjugates are 1 mg/ml with 1 ml per vial.

Antibody PE conjugates	
Cat. No.	**Immunoglobulin Conjugate**
DGIG-001	Donkey anti Goat IgG-PE
DRIG-001	Donkey anti Rabbit IgG-PE
GMIG-001	Goat anti Mouse IgG-PE
GRIG-001	Goat anti Rabbit IgG-PE
GTIA-001	Goat anti Human IgA-PE
GTIE-001	Goat anti Human IgE-PE
GTIG-001	Goat anti Human IgG-PE
GTIGF-001	Goat anti Human IgG, F(ab)2-PE
GTIM-001	Goat anti Human IgM-PE

Antibody HRP conjugates	
Cat. No.	**Immunoglobulin Conjugate**
DGIG-002	Donkey anti Goat IgG-HRP
DRIG-002	Donkey anti Rabbit IgG-HRP
GMIG-002	Goat anti Mouse IgG-HRP
GRIG-002	Goat anti Rabbit IgG-HRP
GTIA-002	Goat anti Human IgA-HRP
GTIE-002	Goat anti Human IgE-HRP
GTIG-002	Goat anti Human IgG- HRP
GTIGF-002	Goat anti Human IgG, F(ab)2- HRP
GTIM-002	Goat anti Human IgM- HRP

Moss PE-α-hIgG-F(ab')2 Delivers Strong MFI with Low Background at High Titers



Antibody AP conjugates	
Cat. No.	**Immunoglobulin Conjugate**
DGIG-003	Donkey anti Goat IgG-AP
DRIG-003	Donkey anti Rabbit IgG-AP
GMIG-003	Goat anti Mouse IgG-AP
GRIG-003	Goat anti Rabbit IgG-AP
GTIA-003	Goat anti Human IgA-AP
GTIE-003	Goat anti Human IgE-AP
GTIG-003	Goat anti Human IgG-AP
GTIGF-003	Goat anti Human IgG, F(ab)2-AP
GTIM-003	Goat anti Human IgM-AP

Streptavidin-Alkaline Phosphatase (SAAP) and Streptavidin-Horseradish Peroxidase (SAHRP) Conjugates

Moss Inc. streptavidin-horseradish peroxidase conjugates (**SAHRP**) and streptavidin-alkaline phosphatase conjugates (**SAAP**) excel in diagnostic **chromogenic** detection assays. SAHRP conjugates and SAAP conjugates are manufactured reproducibly in homogeneous, stable liquid form and are suitable for use in various applications such as nucleic acid probe assays, immunoassays, blotting procedures, and microarrays.

Streptavidin exhibits an extremely high binding affinity for biotin. Alkaline phosphatase is a highly reactive recombinant enzyme that hydrolyzes chromogenic substrates such as p-NPP and BCIP/NBT. SAAP-001 is a highly sensitive single component reagent that is ready to use for the quantitative or qualitative detection of biotinylated molecules and surfaces. Horseradish peroxidase is an iron-heme bearing enzyme that can oxidize chromogenic substrates such as TMB, ABTS, AEC, and DAB. SAHRP-001 is a highly sensitive single component reagent that is ready to use for the quantitative or qualitative detection of biotinylated molecules and surfaces.

Cat. No.	Description	Quantity	Concentration
SAAP-001	**Streptavidin-Alkaline Phosphatase** conjugate	1 ml	1 mg/ml
SAHRP-001	**Streptavidin-Horse Radish Peroxidase** conjugate	1 ml	1 mg/ml

Streptavidin-Phycoerythrin Conjugates

Moss Inc. **streptavidin-phycoerythrin (SAPE)** conjugates excel in diagnostic, molecular and cellular **fluorescence** detection assays based on biotin labeling. SAPE conjugates are manufactured reproducibly in homogeneous, liquid stable form and are suitable for use on various immunoassay, flow cytometry, and multiplexing platforms such as the Luminex™ and microarrays. Moss SAPE conjugation technology produces conjugates that result in exceptional signal-to-noise ratios, high titers, and the conjugates can also be customized to maximize performance for specific platform applications.

Streptavidin is a tetrameric protein isolated from the bacterium *Streptomyces avidinii* that exhibits an extremely high binding affinity for biotin ($K_a = 10^{15}$ M^{-1}) with four biotin binding sites. R-phycoerythrin is a pink-coloured protein purified from seaweed. The intense absorption maximum at 566 nm ($E_{566\ nm} = 1.96 \times 10^6$ M^{-1} cm^{-1}) and the strong relative maxima near 545 nm and 498 nm provide multiple opportunities to select excitation wavelengths. The emission maximum is at 578 nm with a high quantum yield.

The high biotin affinity of streptavidin combined with the intense fluorescence signal of phycoerythrin make SAPE conjugates among the most sensitive fluorescence detection reagents. **SAPE-001** is a highly sensitive single component reagent that is ready to use for the quantitative detection of biotin bound to a solid phase such as a microsphere or microarray, a biological cell, or in free solution. **SAPE-001 is stable for 36 months when refrigerated** and is not appreciably sensitive to normal laboratory light over the course of a typical usage and detection cycle. It should be refrigerated dark when not in use, and exposure to sunlight should be avoided.
SAPE-001G15 and SAPE-001G75 are supplied in PBS with 50 % Glycerol Solution suitable for freezer storage down to -20 °C: Contains 1 mg/ml SAPE in buffer containing 50 % glycerol, 5 mM sodium phosphate, 70 mM sodium chloride, pH 7.3. The solution is stabilized with either 15 mg/ml BSA (SAPE-001G15) or 75 mg/ml (SAPE-001G75) and preserved with 0.05 % sodium azide. Compared to SAPE-001, **SAPE-003** is smaller in size, while **WC008** is a premium large conjugate with stronger signal.
The test kit **SAPE-SK2** contains 4 different SAPE conjugates with variable molecular weight, allowing customers to choose the optimal reagent for their specific assay needs.

Cat. No.	Description	Quantity	Concentration
SAPE-001	**Streptavidin-PE** conjugate, stabilized with 15 mg/ml BSA	1 ml	1 mg/ml
SAPE-001NB	**Streptavidin-PE** conjugate, without addition of BSA	1 ml	1 mg/ml
SAPE-001G15	**Same as SAPE-001** with modified buffer. Allows storage at -20 °C. Contains 15 mg/ml BSA	1 ml	0.6 mg/ml
SAPE-001G75	**Same as SAPE-001** with modified buffer. Allows storage at -20 °C. Contains 75 mg/ml BSA	1 ml	0.6 mg/ml
SAPE-003	**Streptavidin-PE** conjugate. Provides differentiated activity compared to SAPE-001 through segregated population of conjugate during purification	1 ml	1 mg/ml
WC008	Premium **Streptavidin-PE** conjugate	1 ml	1 mg/ml
SAPE-SK2	***NEW!*** **Streptavidin-PE** conjugate Evaluation Pack. Contains 4 grades of SAPE conjugates	4 x 100 µl	1 mg/ml

Advantages of Substrates from Moss Inc.

⇒ **Reliable performance -** all substrates are exceptionally stable in liquid form for 24 - 36 months, assuring extended kit shelf life.

⇒ **Non-toxic base matrix -** easy to handle and dispose of. No preservatives. Increased consistency.

⇒ **Lot-to-lot consistency -** ensured by maintaining sequestered raw materials and consistent manufacturing protocols.

⇒ **Moss Inc. can supply products in bulk or pre-dispensed format to your specifications.**

► We also offer antibodies, proteins, and ELISA Kits from other suppliers. Please ask us about our separate brochure for Immunoreagents or visit our website www.dunnlab.de

07/2025