ReserveAP™ Conjugates

Spice up your assay with our red hot high potency ReserveAP™ Conjugates!

KPL's new ReserveAP™ Alkaline Phosphatase (AP)-labeled antibody conjugates exhibit high potency and consistent performance in immunoassays. These conjugates are the result of advances in our conjugation technology and offer higher signal than our current line of AP conjugates while meeting the same standards for low background, stability and reproducibility. They are intended for demanding immunoassays that require high detection sensitivity, including ELISA, Western blotting and immunohistology.

Higher Potency

ReserveAP Conjugates are affinity purified and conjugated to the highest grade of alkaline phosphatase. In our studies, they generate two-to-three fold higher values than our current line of AP conjugates in ELISA and outperform AP conjugates offered by other manufacturers. Higher conjugate dilutability is also observed without loss of linearity, enabling precious antigen or primary antibody conservation.

Consistent Performance

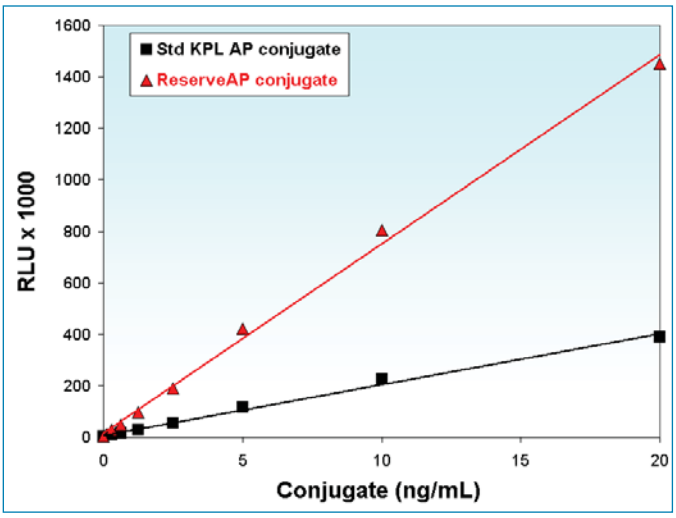
Reproducible antibody conjugation and consistent performance are verified according to our ISO 9001:2008-registered quality management system. Lot consistency studies in which three lots were studied by ELISA indicated minimal variability.

Excellent Value

ReserveAP Conjugates provide high performance at an economical price.

SeraCare LIFE SCIENCES

KPL *Power Your Immunoassays*



Chemiluminescent ELISA: A constant amount of antigen (mouse IgG) was coated onto a microtiter plate. The plate was probed with varying concentrations of goat anti-mouse IgG (H+L) AP conjugate, including KPL's standard AP conjugate and ReserveAP™ conjugate, followed by KPL's PhosphaGLO™ Chemiluminescent AP Substrate.

Conclusion: The results indicate that ReserveAP™ conjugate offers superior performance to our standard AP conjugate with a ~3-fold lower amount of conjugate required for detection.

ReserveAP™ Conjugates Ordering Information

Catalog#	Description	Size
0751-1001	Goat Anti-**Human** IgA (α)	1.0 mg
0751-1002	Goat Anti-Human IgG (γ)	1.0 mg
0751-1003	Goat Anti-Human IgM (μ)	1.0 mg
0751-1004	Goat Anti-Human IgE (ε)	1.0 mg
0751-1006	Goat Anti-Human IgG (H+L)	1.0 mg
0751-1007	Goat Anti-Human IgA+IgG+IgM (H+L)	1.0 mg
2151-1002	$F(ab')_2$ Anti-Human IgG (γ)	0.5 mg
4751-1002	Goat Anti-Human IgG (γ) liquid	1.0 mg
4751-1003	Goat Anti-Human IgM (μ) liquid	1.0 mg
4751-1006	Goat Anti-Human IgG (H+L) liquid	1.0 mg
0751-1802	Goat Anti-**Mouse** IgG (γ) HSA	1.0 mg
0751-1803	Goat Anti-Mouse IgM (μ) HSA	1.0 mg
0751-1806	Goat Anti-Mouse IgG (H+L) HSA	1.0 mg
0751-1809	Goat Anti-Mouse IgG +IgM (H+L) HSA	1.0 mg
4751-1802	Goat Anti-Mouse IgG (γ) HSA, liquid	1.0 mg
4751-1806	Goat Anti-Mouse IgG (H+L) HSA, liquid	1.0 mg
151-18-01	Goat Anti-Mouse IgA (α) HSA	0.5 mg
0751-1807	Goat Anti-Mouse IgA+IgG+IgM (H+L) HSA	1.0 mg
0751-1506	Goat Anti-**Rabbit** IgG (H+L)	1.0 mg
0751-1516	Goat Anti-Rabbit IgG (H+L) HSA	1.0 mg
4751-1506	Goat Anti-Rabbit IgG (H+L), liquid	1.0 mg
4751-1516	Goat Anti-Rabbit IgG (H+L) HSA, liquid	1.0 mg

HSA=Human Serum Adsorbed

Visit our website at www.kpl.com for a complete listing of ReserveAP conjugates.

To order or for more information on KPL's protein research products, contact us at **800.638.3167 / 301.948.7755**, FAX **301.948.0169** or visit us at **www.kpl.com**.

ML349-07

AP Substrates

KPL offers a range of sensitive substrates for the detection and quantification of phosphatase (AP) activity. They provide a choice of intense colors for ELISA and blotting applications.

ELISA

- FirePhos™ AP Microwell Substrate
- BluePhos® AP Microwell Substrate
- *p*NPP Phosphatase Substrate

Blotting

- FirePhos AP Membrane Substrate
- BCIP/NBT Phosphatase Substrate
- PhosphaGLO AP Substrate
- PhosphaGLO™ Reserve AP Substrate

Whichever substrate you choose, enjoy the benefits of excellent signal-to-noise with higher sensitivity and lower background than that of other AP substrates. Visit www.kpl.com for more information.

SeraCare LIFE SCIENCES
www.seracare.com
800.676.1881
508.244.6400

KPL *Power Your Immunoassays*
www.kpl.com
800.638.3167
301.948.7755

ISO 9001 Registered