



Peroxidase Conjugates

KPL Peroxidase Conjugates: Time-tested, Sensitive and Reliable

Since 1979 KPL has provided quality affinity purified antibodies to researchers worldwide. Over the years we have refined our production process to provide antibodies with high potency and consistent performance in immunoassays. From the start KPL gives careful consideration to immunogen preparation, using a highly purified formulation to generate antiserum. KPL pools antiserum from multiple animals to reduce natural animal to animal serum variability. During the purification process our ISO 9001:2008-certified quality procedures impose rigorous standards for potency and cross-reactivity. The result is standardized antibody lots with excellent reproducibility.

Our extensive line of peroxidase (HRP) conjugates is available across a range of animal species, including human, mouse, rabbit and rat antibodies, as well as other animal species and

streptavidin. They are affinity purified and in some cases further adsorbed to minimize cross-reactivity between animal species or shared reactivity with other immunoglobulin classes. HRP-labeled F(ab')₂ fragment antibodies are offered for assays requiring extremely low background and absence of F(c)-mediated binding.

KPL reacts HRP of the highest quality with affinity purified antibodies and streptavidin using the periodate method of Nakane and Kawaoi. Special features of HRP include:

- faster catalytic rate than alkaline phosphatase
- generates more product in shorter incubation times
- provides maximum sensitivity, low nonspecific binding
- ideal for ELISA, Western blotting and immunohistology applications.



Peroxidase Conjugates Ordering Information

(Partial listing)

Catalog#	Description	Size
04-10-06	HRP-labeled Goat Anti- Human IgG (H+L)	0.1 mg
04-10-17	HRP-labeled Goat Anti-Human IgA+IgG+IgM (H+L), MSA	0.1 mg
04-10-20	HRP-labeled Goat Anti-Human IgG (Fc)	0.1 mg
074-1002	HRP-labeled Goat Anti-Human IgG (γ)	1.0 mg
074-1003	HRP-labeled Goat Anti-Human IgM (μ)	1.0 mg
074-1004	HRP-labeled Goat Anti-Human IgE (ϵ)	1.0 mg
074-1006	HRP-labeled Goat Anti-Human IgG (H+L)	1.0 mg
074-1007	HRP-labeled Goat Anti-Human IgA+IgG+IgM (H+L)	1.0 mg
14-10-01	HRP-labeled Goat Anti-Human IgA (α)	0.5 mg
214-1002	HRP-labeled F(ab') ₂ Goat Anti-Human IgG (γ)	0.5 mg
214-1003	HRP-labeled F(ab') ₂ Goat Anti-Human IgM (μ)	0.5 mg
214-1006	HRP-labeled F(ab') ₂ Goat Anti-Human IgG (H+L)	0.5 mg
474-1002	HRP-labeled Goat Anti-Human IgG (γ), Liquid	1.0 mL
474-1003	HRP-labeled Goat Anti-Human IgM (μ), Liquid	1.0 mL
474-1006	HRP-labeled Goat Anti-Human IgG (H+L), Liquid	1.0 mL
04-18-06	HRP-labeled Goat Anti- Mouse IgG (H+L), HSA	0.1 mg
04-18-15	HRP-labeled Goat Anti-Mouse IgG (H+L), RtSA, HSA	0.1 mg
04-18-18	HRP-labeled Goat Anti-Mouse IgG (H+L), RbSA, HSA	0.1 mg
074-1802	HRP-labeled Goat Anti-Mouse IgG (γ), HSA	1.0 mg
074-1803	HRP-labeled Goat Anti-Mouse IgM (μ), HSA	1.0 mg
074-1806	HRP-labeled Goat Anti-Mouse IgG (H+L), HSA	1.0 mg
074-18-061	HRP-labeled Goat Anti-Mouse IgG (H+L), XSA	1.0 mg
074-1807	HRP-labeled Goat Anti-Mouse IgA+IgG+IgM (H+L), HSA	1.0 mg
074-1809	HRP-labeled Goat Anti-Mouse IgG+IgM (H+L), HSA	1.0 mg
14-18-01	HRP-labeled Goat Anti-Mouse IgA (α), HSA	0.5 mg
214-1802	HRP-labeled F(ab') ₂ Goat Anti-Mouse IgG (γ), HSA	0.5 mg
214-1806	HRP-labeled F(ab') ₂ Goat Anti-Mouse IgG (H+L), HSA	0.5 mg
474-1802	HRP-labeled Goat Anti-Mouse IgG (γ), HSA, Liquid	1.0 mL
474-1806	HRP-labeled Goat Anti-Mouse IgG (H+L), HSA, Liquid	1.0 mL
074-1506	HRP-labeled Goat Anti- Rabbit IgG (H+L)	1.0 mg
074-15-061	HRP-labeled Goat Anti-Rabbit IgG (H+L), XSA	1.0 mg
074-1516	HRP-labeled Goat Anti-Rabbit IgG (H+L), HSA	1.0 mg
214-1516	HRP-labeled F(ab') ₂ Goat Anti-Rabbit IgG (H+L), HSA	0.5 mg
474-1506	HRP-labeled Goat Anti-Rabbit IgG (H+L), Liquid	1.0 mL
474-1516	HRP-labeled Goat Anti-Rabbit IgG (H+L), HSA, Liquid	1.0 mL
14-30-00	HRP-labeled Streptavidin	0.5 mg
474-3000	HRP-labeled Streptavidin, Liquid, Molecular Grade	1.0 mL

Visit our website at www.kpl.com for a complete listing of HRP-labeled antibodies.

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.

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ML371-03

KPL offers a range of sensitive substrates for use with HRP conjugates. They provide a choice of intense colors for ELISA, blotting and cell staining applications.

ELISA

- ABTS[®] 1- and 2-Component Microwell Peroxidase Substrates
- SureBlue[™] TMB Peroxidase Substrate
- SureBlue Reserve[™] TMB Peroxidase Substrate
- TMB Peroxidase Substrate

Blotting

- 4 CN Peroxidase Substrate
- TMB Membrane Peroxidase Substrate
- LumiGLO[®] Chemiluminescent Substrate
- LumiGLO Reserve[™] Chemiluminescent Substrate

Whichever substrate you choose, enjoy the benefits of excellent signal-to-noise and reproducibility.



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