

Product Data Sheet

Chicken Anti-Protein A IgG-Peroxidase Conjugate

Cat #. PRTA13-A	Chicken Anti-Protein A IgG, aff pure	Size: 100 ug
Cat #. PRTA13-HRP	Chicken Anti-Protein A IgG-Peroxidase Conjugate	Size: 0.1 ml

Description

Recombinant Protein A from Staphylococcus aureus Cowan I is expressed in Bacillus and purified (>98%, ~45 kDa).

Chickens were immunized with antigen grade Protein-A. Antibodies (IgG/Y) was purified from egg yolks and affinity chromatography using Protein-A-Agarose column. Specificity has been tested using IEP, immunodiffusion, and ELISA. The product reacts with Protein-A. Purified anti-Protein-A IgG/Y was labeled with highly purified preparation of horse radish peroxidase by periodate method (1)

Cat# PRTA13-A,

Affinity purified antibody is supplied in PBS, pH 7.4 in liquid (100 ug/100ul) or in powder form. Reconstitute powder in PBS at 1 mg/ml. Store at -20oC or below in suitable aliquots.

Cat# PRTA13-HRP,

Purified antibody was coupled to HRP (RZ>3.0) using periodate method. The molar enzyme to protein (E/P) ratio = 4.0. The antibody is supplied in stabilizing buffer, 0.1% prolcin-300 as preservative in either **lyophilized** (0.1 ml) or **liquid** form (0.1 ml). Reconstitute powder in PBS in 0.1 ml. Store at 4oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:1,000-1:10,000 ELISA, 1:1K-1:5K for western, and 1:200-1:1000 (IHC). A typical lot produced a titer of 1:5000-10,000 when tested with protein A coated at 1 ug/ml in an ELISA test.

Recommended Working Dilution for ELISA

Working dilution for the specific application should be determined by the investigator to obtain the best conditions. However, dilution of 1:1000-1:5000 is recommended for Western. A dilution of 1:5000-1:20,000 is recommended for ELISA.

Working solution should be prepared immediately before use and diluted solution should be discarded.

Related Material available for ADI

Single solution, ready to use, TMB substrates for Blotting & ELISA

Anti-Rabbit, Mouse, Human, Goat, Chicken IgG-HRP conjugates

StainAll reversible dye for Immunoblotting (visualize transfer of proteins on blotting membranes within seconds)

Western blot recycling kit (Use the same blot/strip to probe with multiple antibodies) **Strip Antibodies in 5 minutes** (no heating or mercaptoethanol)

Chemiluminescence Substrates and Western blot kits (save by complete kit that includes Anti-rabbit IgG-HRP conjugate, blocking buffer, wash buffer, and Chemiluminescence Substrates for processing 15-30 std size blots).

In vitro research use only.

MSDS: This product is considered non-hazardous as defined by OSHA (CFR 1910.1200. Nov 25, 1983). It can be disposed of in the drain.

Protein-A ELISA Kits

PRT13-A-, PR13-HRP

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