



[Go to Product page](#)

Datasheet for ABIN964120  
**Avidin Protein (AVD) (HRP)**

## Overview

Quantity:	2 mg
Target:	Avidin (AVD)
Origin:	Chicken egg
Host:	Please inquire
Purification tag / Conjugate:	This Avidin protein is labelled with HRP.
Application:	ELISA, Western Blotting (WB)

## Product Details

**Specificity:** Avidin Peroxidase Conjugated was prepared from chromatographically pure avidin followed by extensive dialysis against the buffer stated above. Avidin Peroxidase Conjugated assayed by immunoelectrophoresis resulted in a single precipitin arc against anti-Avidin and anti-Peroxidase.

## Target Details

**Target:** Avidin (AVD)

**Alternative Name:** Avidin ([AVD Products](#))

**Background:** Avidin is a biotin-binding protein found in the oviducts of egg-laying animals (birds, reptiles, and frogs) that gets deposited into the whites of their eggs. Avidin is a tetramer and can bind up to four biotin molecules (Vitamin B7) with one of the greatest known non-covalent interactions. Avidity for biotin is destroyed with heat. Horseradish Peroxidase (HRP) is an enzyme that utilizes organic peroxide compounds as electron donors. Horseradish Peroxidase naturally provides protection for plants against pathogens, but can be utilized in molecular biology to

## Target Details

---

convert various substrates to detectable compounds (such as in Western Blotting and ELISAs). Avidin Peroxidase Conjugated is ideal for investigators in Immunology, Cancer, Neuroscience, and Cell Biology.

Synonyms: HRP, Horseradish peroxidase, AvD, Avidin Biotin Complex

## Application Details

---

Application Notes:	Avidin Peroxidase Conjugated is a useful detection reagent for primary antibodies conjugated to biotin. Avidin Peroxidase Conjugated can be utilized in both Western Blotting and ELISA experiment formats in combination with the proper substrate (TMB-1000 or FEMTOMAX-110).
Comment:	Avidin Peroxidase Conjugated is a useful detection reagent for primary antibodies conjugated to biotin. Avidin Peroxidase Conjugated can be utilized in both Western Blotting and ELISA experiment formats in combination with the proper substrate (TMB-1000 or FEMTOMAX-110).
Restrictions:	For Research Use only

## Handling

---

Format:	Lyophilized
Reconstitution:	Reconstitution Buffer: Restore with deionized water (or equivalent), Reconstitution Volume: 1.0 mL
Concentration:	2.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative:	Gentamicin sulfate
Handling Advice:	Do NOT add Sodium Azide!
Storage:	4 °C
Expiry Date:	12 months