



# ALKALINE PHOSPHATASE AVIDIN D

**SKU:** A-2100-100



---

## DESCRIPTION

Alkaline Phosphatase Avidin D is produced with the highest specific activity enzymes in optimal ratios. It is suitable for use in solid-phase assays, tissue/cell staining systems, and blotting applications.

### Features:

- Specific covalent linkages are chosen to provide stable, highly active conjugates
- One unit is 1  $\mu$ mole p-nitrophenylphosphate hydrolyzed per min. at 37 °C, pH 9.8

## SPECIFICATIONS

|                         |                      |
|-------------------------|----------------------|
| <b>Detection Enzyme</b> | Alkaline Phosphatase |
| <b>Format</b>           | Concentrate          |
| <b>Unit Size</b>        | 100U                 |

**For research use only. Not intended for therapeutic or diagnostic use in animals or humans.**

**Storage Instructions** 2-8 °C

|                      |                                                                                                                                                                                                                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | Reconstitute by adding 1 ml water. The resulting solution will have the following composition: 10 mM HEPES, 0.15 M NaCl, 0.08% sodium azide, 1mM MgCl <sub>2</sub> , 0.1 mM zinc acetate, pH 7.5, 50 mg/ml Ficoll, and 2 mg/ml bovine serum albumin. Recommended concentration for use is 0.2 units/ml. |
| <b>Usage Summary</b> |                                                                                                                                                                                                                                                                                                         |
| <b>Applications</b>  | Immunohistochemistry / Immunocytochemistry, In situ hybridization, Blotting Applications, Elispot, ELISAs                                                                                                                                                                                               |
| <b>Conjugate</b>     | Alkaline Phosphatase                                                                                                                                                                                                                                                                                    |

## TECHNICAL INFORMATION

Avidin and streptavidin reagents are powerful tools to detect or purify biotinylated proteins, nucleic acids, and other macromolecules. Specific covalent linkages are chosen to provide stable, highly active conjugates.

## CITATIONS



Powered by Bioz © 2023 See more details on Bioz

## DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

## GALLERY IMAGES

**For research use only. Not intended for therapeutic or diagnostic use in animals or humans.**



[www.vectorlabs.com](http://www.vectorlabs.com)

Email: [customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Telephone: [\(650\) 697-3600](tel:(650)697-3600)



**For research use only. Not intended for therapeutic or diagnostic use in animals or humans.**

[Alkaline Phosphatase Avidin D](https://vectorlabs.com/products/avidin-d-alkaline-phosphatase-labeled/)

<https://vectorlabs.com/products/avidin-d-alkaline-phosphatase-labeled/>