

Native Chicken AVD

Cat. No. AVD-3786C **Lot. No.** (See product label)

SPECIFICATION

Species	Chicken
Source	Chicken egg white
Description	Purified Avidin protein from hen egg white. Avidin is a tetrameric biotin-binding protein produced in the oviducts of birds, reptiles and amphibians deposited in the whites of their eggs. In chicken egg white, avidin makes up approximately 0.05% of total protein (approximately 1.8 mg per egg). The tetrameric protein contains four identical subunits (homotetramer), each of which can bind to biotin (Vitamin B7, vitamin H) with a high degree of affinity and specificity.
Form	Lyophilized from 0.02M K ₃ PO ₄ , pH 7.2, with 0.15M NaCl, 10 mg/ml BSA, and 0.01% gentamicin sulfate. Immunoglobulin and Protease free. DO NOT add NaN ₃ .
Purity	Avidin protein was chromatographically purified.
Notes	Small volumes of AVD protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at 4 deg C until reconstitution. Following reconstitution aliquot and freeze at -20 deg C for long term storage. Avoid repeated freeze/thaw cycles.
Warning	This product is for research use only. Not for use in diagnostic or therapeutic

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procedures.

GENE INFORMATION

Gene Name AVD avidin [Gallus gallus]

Official Symbol AVD

Synonyms avidin; mature avidin

Gene ID 396260

mRNA Refseq NM_205320

Protein Refseq NP_990651

UniProt ID P02701

Chromosome Location chromosome: Z

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