

AVD

Avidin, Egg White

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| Catalog No. | CSI20289A | Quantity: | 25 mg |
| | CSI20289B | | 500 mg |

Description: Avidin is a tetrameric protein. 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.

Avidin's affinity for biotin is exploited in wide ranging biochemical assays, including western blot, ELISA, ELISPOT and pull-down assays. Avidin immobilized onto solid supports is also used as purification media to capture biotin-labelled protein or nucleic acid molecules. For example, cell surface proteins can be specifically labelled with membrane impermeable biotin reagent, then specifically captured using an avidin-based support.

Gene ID: 396260

Source: Chicken

Molecular Weight: 66 kDa with subunits at 16 kDa

Formulation: Lyophilized

Endotoxin Level: < 0.1 ng/μg of protein.

Biological Activity: > 10 U/mg powder

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