

HORSE Albumin (BULK ORDER) - 008-0133
Code: 008-0133

Size: 100 mg

Product Description: HORSE Albumin (BULK ORDER) - 008-0133

Concentration: 10.0 mg/mL by UV absorbance at 280 nm

PhysicalState: Lyophilized

Label	Unconjugated
Buffer	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Volume	10 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	None
Preservative	None
Storage Condition	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Horse Albumin is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	Horse Albumin
Application Note	Horse Albumin can be utilized as a protein standard in ELISA, Immunohistochemistry, Western Blot experiments, and as a nutrient for cell culture.
Background	Albumins are a group of water soluble blood proteins that are non-glycosylated and are capable of heat denaturation. Many albumins act as transport proteins in the blood, binding to water, cations (such as calcium, sodium, and potassium), lipids, as well as some hormones and drugs. Horse Albumin is ideal for investigators in Immunology, Cancer, and Microbiology research.
Purity And Specificity	Horse Albumin was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation and selective precipitation followed by extensive dialysis against the buffer stated above. Horse Albumin assayed by immunoelectrophoresis resulted in a single precipitin arc against anti-Horse Serum.
Assay Dilutions	User Optimized
ELISA	User Optimized
Western Blot	User Optimized
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
General Reference	Kolmakova, Kuskova, Ratner, and Laptakova. (1989). "The possibility of using equine serum albumin in place of bovine serum albumin and ovalbumin in radioimmunological and immunoenzyme analyses and in virological practice." Zh Mikrobiol Epidemiol Immunobiol. 1989 May Vol. 5: 47-50. He and Carter. (1992). "Atomic structure and chemistry of human serum albumin." Nature 358 (6383): 209-15.

Related Products

001-0133	BOVINE ALBUMIN - 001-0133
009-0133	HUMAN ALBUMIN - 009-0133
BSA-30	BOVINE SERUM ALBUMIN 30% Solution - BSA-30
BSA-50	BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50

Related Links

UniProtKB - P35747

<http://www.uniprot.org/uniprot/P35747>

GeneID -
100034206

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=100034206>

UniProtKB - P35747.1

Disclaimer

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