

## ALB

### Native BSA, Nuclease-Free

<b>Catalog No.</b>	CSI14638A CSI14738B CSI14638X	<b>Quantity:</b>	100 mg 5 x 100 mg Bulk
<b>Alternate Names:</b>	Bovine serum albumin		
<b>Description:</b>	<p>Nuclease-Free bovine serum albumin (BSA) is used when DNA or RNA integrity is critical. BSA has many uses as a carrier protein and as a stabilizing agent in enzymatic reactions.</p> <p>Nuclease-Free BSA is rigorously tested for DNase, RNase, endonuclease, and protease activity. Supplied as an aqueous solution at neutral pH in 50% glycerol at 50 mg/ml.</p>		
<b>Source:</b>	USDA-inspected Bovine Plasma		
<b>Concentration:</b>	50 mg/ml, report result		
<b>Purity:</b>	≥ 90% intact BSA, by SDS-PAGE		
<b>DNase, Endonuclease:</b>	<b>None detected</b> , after incubation of 20 µg BSANF with 1 µg plasmid DNA for 2 hours at 37°C in a total volume of 50 µl		
<b>Exonuclease:</b>	<p><b>None detected</b></p> <p>No change in cleared supernatant A260 values after 4 hours at 37°C when incubated with double and single stranded DNA using 500 µg BSANF.</p>		
<b>Protease:</b>	<p><b>None detected</b></p> <p>No development of digestion zones when 50 µg of BSANF are incubated in casein agarose plate for 48 hours at 37°C</p>		
<b>RNase:</b>	<p><b>None detected</b></p> <p>No change in the ethidium bromide electrophoresis band pattern of ribosomal RNA following incubation of 25 µg of BSANF for 4 hr with 4 µg RNA in total vol. of 50 µl</p>		
<b>Formulation:</b>	50% glycerol, aqueous solution, pH 7.0		
<b>Applications:</b>	Northern, Southern, PCR amplification, dot blot hybridization, nick translation, ligations, polymerase reactions, restriction digests.		
<b>Storage &amp; Stability:</b>	Store as supplied at 2-8°C. Lot specific re-assay date, up to 5 years from date of receipt.		
<b>Country of Manufacture:</b>	<p>USA</p> <p>All products from animal sources are produced from starting material of USDA-approved origin, collected in United States Department of Agriculture (USDA) or equivalent approved facilities, inspected to be free of disease and suitable for exportation. Certificates of Origin are available upon request.</p>		

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