# Native Bovine Albumin, Texas Red Label

**Cat. No.** ALB-313B **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | This product was prepared from normal serum by a multi-step processincluding selective precipitation and extensive dialysis against the buffer stated above. |
| **Species** | Bovine |
| **Description** | This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms. |
| **Applications** | Other Dilution: User Optimized |
| **Usage** | This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. |
| **Storage** | 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. This product is stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use. |

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| **Concentration** | 1.0 mg/mL by UV absorbance at 280 nm |
| **Storage Buffer** | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| **Preservative** | 0.01% (w/v) Sodium Azide |
| **Reconstitution** | Restore with deionized water (or equivalent) |
| **Shipping** | Ambient |

## GENE INFORMATION

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|---|---|
| **Gene Name** | ALB albumin [ Bos taurus ] |
| **Official Symbol** | ALB |
| **Synonyms** | serum albumin; BSA |
| **Gene ID** | 280717 |
| **mRNA Refseq** | NM_180992 |
| **Protein Refseq** | NP_851335 |
| **UniProt ID** | P02769 |
| **Chromosome Location** | chromosome: 6 |
| **Pathway** | Bile acid and bile salt metabolism, organism-specific biosystem; Hemostasis, organism-specific biosystem; Metabolism, organism-specific biosystem |

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| **Function** | DNA binding; chaperone binding; drug binding |

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