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TECHNICAL INFORMATION

ImmunO™

Catalog Number: 810133, 810136

Bovine Albumin 30% Solution

Description: Bovine Albumin 30% Solution is manufactured from fresh bovine plasma or serum by fractionation process that yields a preparation which provides optimal performance in immunohematological test systems. The reagent is a solution containing 30 grams of bovine albumin/dL. It has a pH range of 7.2 - 7.4 and is physiologically compatible with normal red blood cells.

Specificity: Bovine Albumin 30% Solution is tested by the following immunohematological test parameters: titration of Rh system antibody, hemagglutination slide test with Rh system antibody, microscopic examination of red blood cell morphological characteristics, T-activation of RBCs, and screening against a panel of known red blood cells at room temperature, 37°C, high protein phase and indirect antiglobulin test.

Note: Although Bovine Albumin 30% Solution is a very effective reagent, it cannot manifest all antibodies. Therefore, it is important to supplement your procedures with other antibody detection techniques.^{1,2,3} Some discrepancies may occur during testing; therefore, we recommend the use of suitable controls and confirmatory techniques.

References:

- Issitt, P.D., Applied Blood Group Serology, 3rd ed. Miami: Montgomery Scientific Publication, 1985.
- Mollison, P.L., Blood Transfusion in Clinical Medicine, 7th ed. Oxford: Blackwell Scientific Publications, 1983.
- Walker, Richard, M.D., ed. Technical Manual of the American Association of Blood Banks, 10th ed., Arlington: American Assn. of Blood Banks, 1990.

Note: This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.