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cappel

**GOAT ANTISERUM TO BOVINE SERUM
(FORENSIC) - 2ML**

Catalog #: 55998

Lot #: 03995

Total Protein: 62.9 mg/ml

DESCRIPTION:

Product is the lyophilized powder of goat antiserum to bovine serum and buffer salts.

The antiserum is prepared by immunizing goats with bovine serum; antiserum is delipidated and made specific by immunoabsorption with soluble antigens or solid-phase immunoabsorption where appropriate. The resulting antiserum is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, with 0.05% sodium azide, adjusted to standard titer, filtered through a 0.22 µm filter, vialled and lyophilized.

USES:

This product is intended for use as a precipitating antibody. It gives sharp precipitin lines in immunoelectrophoresis, capillary tube, and immunodiffusion techniques.

SPECIFICATIONS:

The total protein is measured using the Biuret procedure, with bovine albumin as the standard. The product shows the following reactions at the stated bovine serum dilutions:

SERUM DILUTION	IMMUNODIFFUSION ASSAY		MICROTUBE PRECIPITATION ASSAY	
	24 Hour	48 Hour	15 minutes	30 minutes
Bovine 1:3	+++	+++	+++	+++
Bovine 1:10	++	++	+	+
Bovine 1:100	0	0	0	0
Bovine 1:1000	0	0	0	0

The product has been tested at 60 mg/ml and found negative against the following whole sera at 20-25 mg/ml:

- Bear Dog Horse Rabbit
- Cat Goat Human Rat
- Chicken Guinea Pig Monkey Sheep
- Deer Hamster Mouse Swine

RECONSTITUTION:

Reconstitute product with 2.0 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Avoid vigorous shaking of the reconstituted material. If a small amount of precipitate is present, or if preparation appears cloudy, clarify by centrifugation or filtration.

STORAGE:

Store product at 2-8°C. Store reconstituted material no longer than 4 weeks at 2-8°C. For long-term storage, aliquot and freeze reconstituted product at -20°C or lower.

WARNING AND CAUTION:

This product is intended **FOR RESEARCH USE ONLY**, not for use in diagnostic or therapeutic procedures involving humans or animals.

This product contains sodium azide. To prevent formation of toxic vapors, do not mix with strongly acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious quantities of water.

RELATED PRODUCT ORDERING INFORMATION:

Catalog # Description Size

55830 ID DISCS PATTERN-A WITH INDICATOR 20EA
55831 ID DISCS PATTERN-A WITHOUT INDICATOR 20EA

For whole sera and other forensic antisera, please see our catalog.


Approved by: Joseph Dietz, Ph.D.
Quality Control Director

**TO PLACE AN ORDER IN THE U.S., PLEASE CALL 800-854-0530
OR TO OBTAIN TECHNICAL ASSISTANCE IN THE U.S., PLEASE CALL 800-279-5490
OUTSIDE THE U.S., CONTACT YOUR LOCAL DISTRIBUTOR.**