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## TECHNICAL INFORMATION

# cappel

Catalog Number: 55998

### Goat Antiserum To Bovine Serum (Forensic)

**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, 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:

**Typical Values Follow. Please see lot specific credential for exact values:**

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:

BearDogHorseRabbit  
CatGoatHumanRat  
ChickenGuinea PigMonkeySheep  
DeerHamsterMouseSwine

**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.

**RELATED PRODUCT ORDERING INFORMATION:**

Catalog #DescriptionSize

55830 ID DISCS PATTERN-A WITH INDICATOR20EA  
55831 ID DISCS PATTERN-A WITHOUT INDICATOR20EA

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

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.](#)

[Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.](#)