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TECHNICAL INFORMATION

cappel

Catalog Number: 56000
Goat Antiserum To Chicken Serum (Forensic)

DESCRIPTION: Product is the lyophilized powder of goat antiserum to chicken serum and buffer salts.

The antiserum is prepared by immunizing goats with chicken 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 chicken serum dilutions and the following reaction to turkey serum because of species-homology.

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

	Assay		Precipitin Assay	
	Immunodiffusion		Micro Tube	
Chicken Serum Dilution	24 Hour	48 Hour	15 Minutes	30 Minutes
1:3	++++		+++	++++
1:10	+++	++++	++	+++
1:100	++	+++	+	++
1:1000	0	++	0	+
Turkey Serum 1:3	+++	0	+++	+++

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

BearDogHorseRabbit
BovineGoatHumanRat
CatGuinea 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.](#)