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## TECHNICAL INFORMATION

# cappel

Catalog Number: 56009C

### Alkaline Phosphatase-conjugated IgG goat anti-bear serum (Forensic)

**DESCRIPTION:** Product is alkaline phosphatase-conjugated IgG fraction of goat antiserum to bear serum and buffer salts. The antiserum is prepared by immunizing goats with bear serum; antiserum is delipidated and made specific by immunoabsorption with soluble antigens or solid-phase immunoabsorption where appropriate. The IgG fraction is prepared by ammonium sulfate fractionation and absorption to remove goat albumin. The antibody and highly-purified calf-intestine alkaline phosphatase are conjugated under defined conditions and the conjugated protein is separated from unconjugated protein by gel filtration.

**SPECIFICATIONS:** The total protein is measured using the Biuret procedure, with bovine albumin as the standard. The IgG fraction is tested at 40 mg/mL by immunoelectrophoresis and no trace of albumin is detected. **\*ELISA titer is determined by coating a plate with 10 mg/mL of bear serum, absorbing a series of conjugate dilutions to the bear serum and calculating the dilution at which the OD equals 1.0 using p-nitrophenyl phosphate as substrate.**

The unconjugated whole antiserum is tested at 60 mg/ml and found negative against the following whole sera at 20-25 mg/ml:  
BovineDogHorseRabbit  
CatGoatHumanRat  
ChickenGuinea PigMonkeySheep  
DeerHamsterMouseSwine  
Turkey

### RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55830 (00001040)ID DISCS PATTERN-A WITH INDICATOR20EA

55831 (00001050)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.](#)