SIGMA-ALDRICH®

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Product Specification

Product Name:
Anti–Human IgG (γ–chain specific) antibody produced in goat – affinity isolated antibody, lyophilized powder

Product Number: **I3382**

MDL: MFCD00162442

Storage Temperature: 2 - 8 ℃

TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Solid
Solubility (Turbidity)	Clear to Slightly Hazy
(after reconstitution to 1 mg/ml with 0.135 M NaCl)	
Solubility (Color)	Colorless
(after reconstitution to 1 mg/ml with 0.135 M NaCl)	
Solubility (Form)	Solution
(after reconstitution to 1 mg/ml with 0.135 M NaCl)	
Protein Concentration by E280	1.00 - 1.50 mg/ml
(after reconstitution)	
Titer by SRID	0.5 - 2.0 mg/ml
1 mg will react with 0.5-2.0 mg of normal human IgG	
Identity by IEP	Conforms
Single arc of precipitation in the gamma region when 100 μg is reacted versus 5 μl of normal human serum containing bromophenol blue and 5 μg of human IgG.	
Purity by IEP	Conforms
Single arc of precipitation in the gamma region when 5 μg is reacted versus 100 μl of anti-goat serum and 100 μl of anti-goat IgG.	
Indirect ELISA	Conforms
Less than 10% cross reactivity at the nearest dilution to the working dilution when tested against the following human source antigens: IgM kappa and lambda,, IgA kappa and lambda, BJ kappa lambda, at 5μg/ml. NOTE: If IgM kappa, or IgM lambda,are not available, substitute IgM normal. The same applies to IgA.	

Specification: PRD.3.ZQ5.10000006890