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Product Specification

Product Name:

Anti-Human Kappa Light Chain (Bound and Free) antibody produced in goat - affinity isolated antibody, lyophilized powder

Product Number: **K3502**

MDL: MFCD00162517

Storage Temperature: 2 - 8 °C

TEST**Specification**

Appearance (Color)	White to Off-White
Appearance (Form)	Solid
Solubility (Turbidity)	Clear to Slightly Hazy
When reconstituted with 1 mL of 0.135 M NaCl	
Solubility (Color)	Colorless
When reconstituted with 1 mL of 0.135 M NaCl	
Solubility (Form)	Liquid
When reconstituted with 1 mL of 0.135 M NaCl	
Protein Concentration by E280	1.00 - 1.50 mg/ml
After reconstitution with 1 mL of 0.135M NaCl	
Specificity by IEP	Conforms
Single arc of precipitation in the gamma region when 100 µg is reacted versus 5 µL of normal human serum containing bromphenol blue, and 5 µg Bence Jones kappa, human IgG kappa, IgA kappa, and IgM kappa.	
Purity by IEP	Conforms
Single arc or double arc displaying identity of precipitation in the gamma region when 5 µg is reacted versus 100 µL of anti-goat whole serum and 100 µL of anti-goat IgG.	
Indirect ELISA	Confirmed
Reactivity against a 5 µg/ml coat of Human IgG2 lambda, Human IgA lambda, and Human IgM lambda must be < 10% of the reactivity to Human IgG1 kappa, Human IgA kappa, and Human IgM kappa, respectively. Reactivity against a 200 ng/ml coat of Human Bence Jones Lambda must be < 10% of the reactivity to a 200 ng/ml coat of Human Bence Jones Kappa.	

Specification: PRD.3.ZQ5.10000005317

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.