



PERFORMANCE DATA SHEET
2444

Human IgG1 κ /FITC*

From Human Myeloma Plasma

CATALOG#: 295-040

CONCENTRATION: 0.5 mg/ml

QUANTITY: 100 μ g

INFORMATION: Human IgG1 κ from human myeloma plasma is used as a negative control for work involving human IgG1 isotype antibodies or recombinant proteins.

STORAGE CONDITIONS: *Store at 2 - 5^o C.* Freeze/Thawing is not recommended. Protect from light.

PRODUCT STABILITY: Product should retain activity for at least 12 months after shipping date when stored as recommended. Ship Date: _____

BUFFER: 50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 5% Glycerol, 0.2% BSA, 0.04% NaN₃ (as a preservative).

PRODUCTION: Antibody from human plasma was purified to >95% by fractionation, ion-exchange and affinity chromatography, after which it was reacted with FITC. Unconjugated FITC was separated from antibody/FITC conjugate by desalting column. The antibody/FITC conjugate is at a concentration of **0.5 mg/ml** with a FITC to antibody molar ratio of 7.6.

POTENTIAL BIOHAZARD: Handle Product as if capable of transmitting infectious agents. Source material was tested and found negative for antibody to HIV and HbsAg.

* *Research Use Only. Not for use in Diagnostic procedures.*