

Certificate of Analysis

KPL Reserve AP™ Labeled Affinity Purified Antibody to Human IgG (γ) [Goat]

PART Code 5220-0348 (0751-1002)
Lot No. 10372361
SIZE 1.0 mg

DESCRIPTION Affinity purified antibody, isolated from a pool of serum from goats immunized with purified human IgG, was labeled with phosphatase using a modified glutaraldehyde procedure.

FORM/STORAGE Lyophilized. Store refrigerated at 2 – 8°C until rehydrated.

CONTENT The vial size indicated above refers to the amount of affinity purified antibody contained in this phosphatase conjugate. This lot of conjugate was prepared from unlabeled goat anti-human IgG(γ) Lot No. 130702.

E/P RATIO The calculated enzyme/antibody protein ratio = 2.7:1

SPECIFICITY Tested by immunoelectrophoresis, gel diffusion, and ELISA techniques as applicable. This product reacts specifically with human IgG. No antibody is detectable to non-immunoglobulin serum components.

ENZYME ACTIVITY AP specific activity must be between 2000 and 3000 glycine Units/mg of protein (U/mg)
Result: 2159 U/mg

RELATIVE POTENCY RP specification of ≥ 0.80 against reference Lot No. 10330701
Result: 0.76

CROSS REACTIVITY Cross reactivity specification of $\leq 5\%$
Result to IgA = Not detectable
Result to IgM = Not detectable

STABILIZERS AND PRESERVATIVES Goat serum and bovine serum albumin added as protein stabilizer. Non-sterile.

STABILITY Product is stable for one year from date of receipt when stored properly.

COUNTRY OF ORIGIN OF ANTISERA United States

DATE OF MANUFACTURE 19 SEP 2018

Approval:



Quality Assurance

22 OCT 2018

Date