

# Certificate of Analysis

For Research Use Only  
Not for Human or Animal Consumption

## KPL BacTrace® Fluorescein-Labeled Affinity Purified Antibody to *Borrelia* species [Goat]

**PART CODE:** 5330-0065 (02-97-92)

**LOT NUMBER:** 10683040

**SIZE:** 0.5 mg

**DESCRIPTION:** Affinity purified antibody, isolated from a pool of serum from goats immunized with whole cells of different species of *Borrelia*, was labeled with fluorescein by reaction with fluorescein isothiocyanate (FITC).

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

**CONTENT:** Each vial contains 0.5 mg of affinity purified goat anti-*Borrelia* species Lot No. [10255705].

**F/P RATIO:** Molar fluorophore to antibody protein ratio 4:1

**SPECIFICITY:** Tested by gel diffusion and ELISA techniques as applicable. This antibody is highly specific for *Borrelia burgdorferi*, *Borrelia hermsii*, *Borrelia anserina*, and *Borrelia coriaceae*. Other *Borrelia* species have not been tested to date. Antibody has not been tested for cross-reactivity to treponemes.

**STABILIZERS AND PRESERVATIVES:** Goat serum and bovine serum albumin added as protein stabilizer. No preservatives added. Non-sterile.

**STABILITY:** Product is stable for 1 year from date of receipt when stored properly.

**COUNTRY OF ORIGIN OF ANTISERA:** United States

**DATE OF MANUFACTURE:** 26 SEP 2023

**Approval:**



18 OCT 2023

QA Verified By

Date