

Streptavidin/R-PE*

CATALOG#: 253-050

QUANTITY: 120 tests

VOLUME IN VIAL: 240 µl

RECOMMENDED WORKING DILUTION: 1:10 (20 µl per 5×10^5 -cell test, Alternatively use 2 µl of concentrated stock per test)

INFORMATION: Streptavidin R-PE can be used in conjunction with biotinylated antibodies as an avidin/biotin labeling system for flow cytometry.

STORAGE CONDITIONS: Store at 2 - 5°C. *Do not freeze! Protect from light.*

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

BUFFER: 10 mM PBS 150mM NaCl, pH 7.5, 1% BSA, 2% Glycerol, 0.04% Sodium Azide (as a preservative).

PRODUCTION: Purified streptavidin was covalently conjugated to R-Phycoerythrin (R-PE) and the conjugate isolated by size exclusion chromatography. Product is at **200 µg/ml**. A567/A280 = 3.86.

PERFORMANCE: When used as a second step reagent in Flow cytometry, optimum resolution between signal and background with Ancell biotinylated antibodies was obtained using 20 µl of a 1:10 dilution of product (or 2 µl of stock) to stain 5×10^5 cells.

**Research use only. Not for use in Diagnostic procedures.*