

PERFORMANCE DATA SHEET

1818

Streptavidin/R-PE*

CATALOG#: 253-050

QUANTITY: 120 tests

VOLUME IN VIAL: 240 μ l

RECOMMENDED WORKING DILUTION: 1:10 (or use 2 μ l of concentrated stock per 5×10^5 -cell 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 pH 7.4, 1% BSA, 0.15% 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 **90 μ g/ml**. A567/A280 = 3.7.

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 μ l of a 1:10 dilution of product to stain 5×10^5 cells.

**This Product is intended for Laboratory Research use only.* R-Phycoerythrin (R-PE) is covered under patents: U.S. 4,520,110; European 76,695 and Canadian 1,179,942.

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