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Product Specifications

Product: Fluorescein (FITC)-conjugated ChromPure Human Transferrin

Code Number: 009-090-050

Lot Number: 115378

Physical State: Freeze-dried solid

Size: 1.0 mg

Phycobiliprotein Concentration: 2.0 mg/ml (determined by absorption = 73 at 650 nm for a 1% solution for only those APC molecules to which at least one molecule of active streptavidin is bound)

Suggested Dilution Range: 1:50 - 1:200 for most applications

Allophycocyanin: Purified from *Spirulina platensis*
A_{max} = 650 nm; E_{max} = 660 nm

Buffer: 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6

Stabilizer: 15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)

Preservative: 0.05% Sodium Azide

Reconstitution and Storage: Store freeze-dried powder at 2-8°C. When ready to use, rehydrate with 0.55 ml dH₂O and centrifuge if not clear. Product is stable for about 6 weeks at 2-8°C as an undiluted liquid. Prepare working dilution fresh each day. For extended storage after rehydration, aliquot and freeze at -70°C or below. Avoid repeated freezing and thawing. Alternatively, add an equal volume of glycerol (ACS grade or better) for a final concentration of 50%, and store at -20°C as a liquid. Note: adding glycerol reduces the stated protein concentration and dilution range by one-half. ***Expiration date:*** one year from date of rehydration. The expiration date may be extended if test results are acceptable for the intended use.

Country of Origin: USA

Note: For *in vitro* research use only, not for diagnostic or therapeutic use. This product is not a medical device.