PRODUCT INFORMATION SHEET

Product Number: CR130-100

Compound: Streptavidin conjugated to SureLight®-Allophycocyanin

 for kinase assays

Amount: 1.0 mg total protein

Lot Number: APC1K122

Storage: 4°C in the dark. After product has been reconstituted, DO NOT FREEZE.

Handling: Before use, reconstitute to 25 ml with distilled deionized water and allow vial to sit on ice for 20-30 minutes. Gently mix by vortexing or tapping tube before use.

Buffer: Supplied lyophilized. Upon reconstitution with 25 mL distilled deionized water, the product is in 10 mM Tris (pH 8.2), 150 mM sodium chloride, 50 mM sucrose, 0.1% BSA and 1 μg/mL pentachlorophenol.

Stability: Upon reconstitution with water, product should be stored at 4°C and be used within 8 months.

Date of Manufacturing: March 14, 2022

Shelf Life: 5 years from test date

Test Date: 4/04/22

Intended use: The Streptavidin: SureLight®-Allophycocyanin conjugate can be used as an acceptor for the energy emitted by Eu3+-chelates in the LANCE™ homogeneous assay format. Product is for research purposes only, the product is not intended for any other use (such as cosmetic, agricultural, drug, food or household uses). Assay optimization should be based on the Streptavidin concentration. One can assume that 1 Streptavidin binds two biotinylated peptides or one biotinylated protein.

Lot specific information:

(after reconstitution)

Concentration: 1.0 mg/ml total protein

SureLight®-APC molarity = 5.25 μM

Streptavidin molarity = 7.27 μM

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