

NovaBright™ Chemiluminescent SEA P Reporter Gene Assay 2.0 Kits



Green Benefits

- Less hazardous

Introduction

Life Technologies is committed to designing products with the environment in mind—it's one more step toward a smaller footprint. This fact sheet provides the rationale behind the environmental claim that this product is now less hazardous than its preceding product, the NovaBright™ Chemiluminescent SEAP Reporter Gene Assay 1.0. The new formulation eliminates the diethanolamine used in our previous configuration and replaces it with a nonhazardous alternative that helps to improve the overall performance. This change means it no longer needs to be shipped as dangerous goods per international transport classifications.

Product Description

NovaBright™ Secreted Placental Alkaline Phosphatase (SEAP) 2.0 Kits

contain the highperformance CSPD® alkaline phosphatase substrate, Emerald-III™ chemiluminescence enhancer, and a unique buffer system that specifically inhibits endogenous nonplacental alkaline phosphatase activity. The persistent glow of the assay signal permits the use of simple luminometers without injectors.

Green Features

Less Hazardous

Applying the principles of green chemistry[1], the hazardous buffer component was substituted with a less hazardous buffer. This allows the product to be shipped as nonhazardous for transport.

Please see the MSDS representing the new formulation at www.invitrogen.com/msds.

1. P. Anastas and J. Wagner, "Green Chemistry: Theory and Practice," Oxford University Press: New York, 1998.

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